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PROPERTIES AND UNITS IN THE CLINICAL LABORATORY SCIENCES

PART XX. PROPERTIES AND UNITS IN CLINICAL AND ENVIRONMENTAL HUMAN TOXICOLOGY

(Technical Report)
(IFCC-IUPAC 2006)

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Properties and units in the clinical laboratory sciences. Part XX. Properties and units in clinical and environmental human toxicology

(IUPAC Technical Report)

Abstract: This document describes the introduction of the concept of property in the field of clinical and environmental human toxicology for the presentation of results of clinical laboratory investigations. It follows the IFCC-IUPAC systematic terminological rules and attempts to create a common base for communication between the clinical chemist, the medical practitioner, the human toxicologist, and the environmental toxicologist.

The term designating a substance being a toxicant may be an international nonproprietary name (INN), a generic name, a registered trade name, a fantasy name, or other. This causes difficulties in the transmission of requests and reports on properties involving such substances in biological fluids and environmental media to and from laboratories, to the end user, and in the collating of this information from different sources.

The document comprises a list of properties of human and environmental systems involving toxicants for use in transmitting medical laboratory data. The document recommends terms based on the format developed by the IFCC and IUPAC to facilitate interaction between disciplines and unambiguous interpretation of data, e.g. for purposes of risk interpretation. Systematic terms are presented together with a code (identified by the letters NPU) for each.

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The complete C-NPU Database may be found at http://dior.imt.liu.se/C-NPU/

PREFACE

The present document is the twentieth part of a series on properties and units in the clinical and environmental human toxicology laboratory sciences initiated in 1987.

The series currently comprises:

I. Syntax and semantic rules [1]
II. Kinds-of-property [2]
III. Elements (of properties) and their code values [3]
IV. Properties and their code values [4]
V. Properties and units in thrombosis and haemostasis [5]
VI. Properties and units in IOC-prohibited drugs [6]
VII. Properties and units in inborn errors of metabolism*
VIII. Properties and units in clinical microbiology [7]
IX. Properties and units in trace elements [8]
X. Properties and units in general clinical chemistry [9]
XI. Coding systems: structure and guidelines [10]
XII. Properties and units in clinical pharmacology and toxicology [11]
XIII. Properties and units in reproduction and fertility [12]
XIV. Properties and units in tumor markers*
XV. www databases*
XVI. Properties and units in clinical allergology [13]
XVII. Properties and units for urinary calculi*
XVIII. Properties and units in clinical molecular biology [14]
XIX. Properties and units for transfusion medicine and immunohematology [15]
XX. *Properties and units in clinical and environmental human toxicology* (*this report)*

** proposed but abandonned*

At the end, systematic terms, elaborated according to international standards and recommendations, should be available in the different domains of clinical laboratory sciences. The core of the series is code value strings representing concepts, that in combination delineate and define each property regardless of linguistic expression, thus avoiding errors during translation between languages.

FOREWORD

Clinical laboratory sciences are characterized by the exacting nature of the work performed and the demand for an accurate presentation of the outcome. Furthermore, the domain is transnational, international, or "global".

The adherent informatics system therefore needs to identify the findings accurately and to present them with the degree of detail required. At the same time it has to facilitate the transfer over linguistic and cultural barriers without distortion or loss of clarity, in order to promote clear, unambiguous, meaningful, and fully informative communication between different terminologies.

The degree to which a message (such as a laboratory report) needs to be expressed in a formal, systematic language depends on the cultural, linguistic, social or professional distance between the communicating parties. The greater the distance, the greater the need of explicit information.

Within one laboratory, local jargon terms may be used which are usually well understood between colleagues, but which would not be sufficiently widely known for communication with the outside world. Likewise, a laboratory and its local community of users, such as hospital or community physicians, may use a "local dialect" of the language of clinical laboratory sciences which is well understood by all concerned; but when the communication possibilities are wider, even transnational, risks of serious misunderstanding arise.

SCOPE

The purpose of this document is to apply the IFCC-IUPAC recommended syntax structures for request and report and to create a systematic terminology that can be used as the basis for encoding laboratory messages in the domain of drugs which are commonly also toxicants and in the domain of naturally occurring toxicants which occur in the human environment and are analyzed in environmental media. The systematic names recommended here are primarily for the purpose of unambiguous data exchange. Their use in routine language by clinicians and laboratory practitioners is optional but encouraged.

Trace elements which may be toxic are considered here with regard to their chemical speciation as far as it can be determined.

The system “hair” here is considered only where measurements have clear toxicological or clinical value. The systems “blood” and “plasma” refer to venous blood throughout. In all “systems”, “components” termed relate to that which is relevant in the sample and not to any derivatives measured.

This document does not consider radiation toxicology, which will be covered by a future project.

TERMS AND DEFINITIONS

component
part of a system [27]

EXAMPLE: Dextropropoxyphene as part of a given system.

NOTE: *Component* is used in a different sense in other areas of chemistry; see IUPAC 'Gold Book' [18].

differential quantity
quantity that can be subtracted from but cannot be divided by another quantity of the same kind [after 27]

EXAMPLE: Substance concentration increment of ethanol in urine (present - 6 h earlier) = 32 µmol/l.

differential scale
scale with an ordered set of possible values for quantities of a given kind that are each a product of numerical value and unit of measurement such that a given difference between values corresponds to the same difference between magnitudes of the quantities along the scale [after 17]

EXAMPLE: Celsius temperature scale.

Substance concentration increment of something (component) in a system, for example - ethanol in urine -32 µmol/l

discriminating value
property value, obtained according to a given examination procedure, that separates the values of parent systems in two disjoint sets assumed to indicate different states with stated respective probabilities of false assignments

NOTE: The terms "discrimination value", "discriminator" and " cut-off value" are used as synonyms.

drug
substance which, when absorbed into a living organism, may modify one or more of its functions [19]

NOTE: The term is generally accepted for a substance taken for a therapeutic purpose, but is also commonly used for abused substances.

kind-of-property
common defining aspect of mutually comparable properties [27]

NOTE 1: In ENV 1614 the term "property (in a general sense)" is used as a synonym for kind-of-property.

NOTE 2: A kind-of-property may be related to nominal scale (e.g., green; blue), ordinal scale (e.g., small; large), differential scale or rational scale (length 2 m or 5 m); the last three types are related to kind-of-quantity.

NOTE 3: *Kind-of-property* is defined in the IUPAC 'Gold Book' [17] in different words which do not sufficiently emphasise the commonality required.

nominal property
property that can be compared for equality with another property of the same kind, but has no magnitude [27]

EXAMPLE: Color of a component in a particular medium.

nominal scale
scale with a set of possible values for properties of a given kind that are each a word or symbol without any relation to magnitude [after 17]

EXAMPLE: Terms for analgesic substances.

NOTE: The values may be listed in any arbitrary order according to practical considerations and convention.

ordinal quantity
quantity, defined by a conventional measurement procedure, for which a total ordering relation according to magnitude with other quantities of the same kind is defined, but for which no algebraic operations among those quantities are defined [28]

EXAMPLE: Presence of a component in a given system when its absence is a possibility.

ordinal scale
quantity scale, defined by formal agreement, on which only comparison of magnitude applies[28]
EXAMPLE: Arbitrary concentration of cannabinoid in urine ("not detected"; "detected" or 0 1).

Property
Inherent state- or process-descriptive feature of a **system** including any pertinent **components [27]**

EXAMPLE: Substance concentration of glucose in blood plasma.

NOTE 1: Information about identification, time and result is not considered.

NOTE 2: The term *substance concentration* is a short form for amount-of-substance concentration; 'amount concentration' is also used elsewhere in IUPAC. [29]

quantity
property of a phenomenon, body or substance, to which a number can be assigned with respect to a reference [28]

rational quantity
quantity that can be divided by another quantity of the same kind[after 27]

rational scale

scale with an ordered set of possible values for quantities of a given kind that are each a product of numerical value and unit of measurement such that a given ratio between values corresponds to the same ratio between magnitudes of the quantities along the scale [after 17]

EXAMPLE: 0 0,1 0,2 - - - 31 32 μmol/l. for amount-of-substance concentration

system
Arbitrarily defined part of the universe, regardless of form or size [18]

EXAMPLES: A portion of urine, a portion of blood. for clinical chemistry, patient, patient plasma, patient urine [17].

taxon
kind-of-property of a nominal property

EXAMPLES: Chemical species such as Cr(III) and chromium(VI) given on a nominal scale

toxicant
substance or compound causing injury to a living organism as a result of physicochemical interaction

NOTE: Synonyms are “chemical aetiologic agent”, “poison”, “toxic substance”, “toxic chemical”, “toxic material”.

measurementunit
Scalar quantity, defined and adopted by convention, with which any other quantity of the same kind can be compared to express the ratio of the two quantities as a number [28].

unitary quantity
quantity with a magnitude expressed as a reference quantity, multiplied by a number

NOTE: "Unitary quantity" comprises "differential quantity" and "rational quantity".[27]

STANDARDIZED REQUEST AND REPORT OF CLINICAL LABORATORY RESULTS

The elements of the designation of a property comprise:

System(specification) ⟝Component(specification); kind-of-property(specification)

The parts comprised in the concept of "term of property" and in the concept of "designation of property value" are presented in Table 1.

Table 1 Systematic request and report

1 Identification and time
1.1 Object or patient identification
1.2 Date and time(s) of sampling

2 Property
2.1 System(specification)
2.2 Component(specification)
2.3 kind-of-property(specification) or kind-of-quantity(specification)

3 Property value
3.1 Equality, inequality or other operator
3.2 Numerical value multiplied by a measuremement unit (for unitary quantities) or numerical value and anothert type of refernce (fo ordinal quantities) or nominal value(for nominal properties)
3.3 prefix of coherent measurement unit (for unitary quantities)
3.4 coherent measurement unit (for unitary quantities)

4 Notes

By convention, properties and examination results are connected through an operator.(= < ≤ > ≥)
Essential for a *request* are parts 1 and 2, that is information on patient identification, time or time interval for sampling, and information on the property requested.
The laboratory *report* on a particular property comprises the three parts 1, 2, and 3.
Notes (part 4) relating to, for example, diagnosis, medication, hemolysis, or hardware breakdown are not included here, except when needed for the interpretation of results such as pretreatment of patient or subject or the inferred intake of toxicants from identification of metabolites in secretion or excretion.

Modern metrology further demands that the result includes a value for a measure of uncertainty [16].

The terms for components are generally given as the IUPAC names [21]. Otherwise, the terms for components are from the International Nonproprietary Names (INN) of WHO [22] for pharmaceutical substances (English, French, Russian and Spanish). If not recorded in INN, preference is for trivial names [23], USAN [24], BAN [25], Martindale [26], in that sequence. It is recommended that element names be spelled out in full as elemental symbols may not always be known by medical personnel. The oxidation state of an element is given in Roman numerals in parentheses following the term, when relevant.

In addition to the full systematic term for the property, an abbreviated form is given.

For details, see IFCC-IUPAC (Recommendations 1995). Syntax and semantic rules [1].

Most toxicants are metabolized by the organism. Therefore, the component may be given as a parent compound plus relevant metabolite(s).

STRUCTURE OF AN ENTRY [15]

The mandatory terms are given in bold, that is: the systematic term for the type of property, the unit and the code value.

1. Term for the system and parenthetic specification spelled out in full, and followed by a long dash (em dash)

2. Alphanumeric chemical prefixes of component term when relevant

3. Recommended term of component and parenthetic specification, shifted to the left for alphabetical sorting and searching, and followed by a semicolon. The recommended terms given have been adopted by the C-NPU data base. Where they differ from the IUPAC term, the IUPAC name is given as the first term(in bold) in the list of 'Other term(s)'. Other authorities for nomenclature used are given in item 10..

4. Kind-of-property or kind-of-quantity and parenthetic specification
If the term for a property is used as a header for a set of related properties, this is indicated by "list" in the parenthesis.

5. Measurement unit (prefix and coherent unit) when relevant

6. Molar mass (*M*) or atomic mass (*A*) as appropriate for conversion from other units when relevant

7. Presently recommended calibrator (not given in this document)

8. Previous calibrator(s) (not given in this document)

9. Other term(s) for components with IUPAC name first in bold text if not already used in items 2 and 3 as the main heading nomenclature

10. Authority: Source of nomenclature for items 2 and 3, if not IUPAC

11. Note(s): Chemical Abstracts Service (CAS) registry number allocated as a unique identifier of a given compound together with any further information

12. [NPUXXXXX]. Code value, intended for interlaboratory transmission between databases

13. Example in abbreviated form

In clinical chemistry, a less well defined "in-house" or a regional calibrator is often referred to and is expressed in "arbitrary unit per liter" in order to enable comparison of patient data over time and regionally. In each of these instances, further information should be given in the parenthesis to kind-of-property(item 4) as "procedure". This could be information on the calibrator used, e.g. "BCR/CRM148/149R" or it could refer to an in-house document "procedure xx" which is available on request.
In the examples given, a question mark, "?", has been used to represent a nominal property value or a numerical property value.

EXAMPLES

a. Nominal property

1. **Urine—**
3. **Amfetamine and analogue;**
4. **taxon(procedure)**
6. *M*(amfetamine) = 135.21 g/mol
10. Authority: INN
11. Note(s): CAS 300-62-9 (amfetamine); Analogues are BDB; Ephedrine; Fenfluramine; MBDB; Metamfetamine; 3,4-Methylenedioxyamfetamine; 3,4-Metylenedioxymetamfetamine; 3,4-Metylenedioxyethylamfetamine; Pseudoephedrine
12. **NPU08980**
13. U—Amfetamine and analogue; taxon(proc.) = ?

b. Ordinal quantity

1. **Urine—**
3. **Barbiturate;**
4. **arbitrary concentration(list; procedure)**
6. *M*(barbituric acid) = 128.09 g/mol
11. Note(s): CAS 67-52-7 (barbituric acid)
12. **NPU04826**
13. U—Barbiturate; arb.c.(list; proc.)
    NPU01343 U—Barbital; arb.c.(proc.) = ?
    NPU04769 U—Butabarbital; arb.c(proc.) = ?
    NPU03042 U—Pentobarbital; arb.c.(proc.) = ?
    NPU03063 U—Phenobarbital; arb.c. (proc.) = ?
    NPU08677 U—Thiopental; arb.c.(proc.) = ?

c. Differential quantity

1. **Plasma—**
3. **Glucose;**
4. **substance concentration increment(maximum concentration minus 0 minutes concentration; procedure)**
5. milimol/litre
6. *M*(glucose) = 180.16 g/mol
11. Note(s): CAS 50-99-7
12. **NPU03841**
13. P—Glucose; subst.c.incr.(max. c. minus 0 min c.; proc.) = ? mmol/l

NOTE This list of properties for toxicology has no example of diferential quantitiy

d. Rational quantity

1. **Blood—**
3. **Acetaldehyde;**
4. **substance concentration**
5. **micromole/litre**
6. *M* = 44.05 g/mol

9. Other term(s): Acetic aldehyde; Ethanal; Ethyl aldehyde
11. Note(s): CAS 75-07-0
12. **NPU01005**
13. B—Acetaldehyde; subst.c. = ? μmol/l

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INDEX OF ABBREVIATIONS AND INITIALISMS

ACGIH	American Conference of Governmental Industrial Hygienists
amb	ambient
arb.c.	arbitrary concentration
B	Blood
BAN	British Approved Name
BCR	Community Bureau of Reference (Bureau Communitaire de Référence)
BIPM	Bureau International des Poids et Mesures
CAS	Chemical Abstracts Service
C-BGE	Committee on blood, gas, and electrolytes(of IFCC)
CEN	European Committee for Standardization (Comité Européen de Normalisation)
C-NPU	Commission on Nomenclature, Properties and Units
ENV	European Prestandard
EU	European Union
IEC	International Electrotechnical Commission
IFCC	International Federation of Clinical Chemistry and Laboratory Medicine
ILAC	International laboratory Accreditation Cooperation
INN	International Nonproprietary Names of WHO (approved)
*INN	International Nonproprietary Names of WHO (for name to be approved)
IRMM	Institute for Reference Materials and Measurements(of EU-JRC)
ISO	International Standards Organization
IUPAC	International Union of Pure and Applied Chemistry
IUPAP	International Union of Pure and Applied Physics
JRC	Joint Research Centre (EU)
L:D	Length:Diameter (aspect ratio)
NPU	Nomenclature, Properties and Units
OIML	International Organization of Legal Metrology
P	Plasma
P(aB)	Plasma (arterial blood)
PIN	Preferred IUPAC nomenclature
PNOR	Particulates not otherwise regulated
PNOS	Particulates not otherwise specified
subst.c.	substance concentration
U	Urine
USAN	United States Adopted Name
WHO	World Health Organization

LIST OF PROPERTIES IN CLINICAL AND ENVIRONMENTAL HUMAN TOXICOLOGY

In this list, the properties are listed alphabetically according to their component terms. The component term is normally the IUPAC name or the ISO name but sometimes a name which is the most widely used in clinical chemistry has been chosen. Where the component term for the entry in the list of properties is an IUPAC name, no further authority is given. Where it is not, the IUPAC name is given as the first in 'Other term(s)', and printed in bold type. The other names in this list are in alphabetical order, are not necessarily comprehensive, and are given without any suggestion of approval, in order to facilitate identification of substances referred to by these names in certain circumstances. The NPU codes given include new codes given to properties relating to trace elements where the speciation of the elements has been described more fully than in the previous publication cited as reference 8 above.

Air(ambient)—
Acetaldehyde;
substance concentration
millimole/metre³
M = 44.05 g/mol
Other term(s): Acetic aldehyde; Ethanal; Ethylaldehyde
Note(s): CAS 75-07-0
NPU16486
Air(amb)—Acetaldehyde; subst.c. = ? mmol/m³

Blood—
Acetaldehyde;
substance concentration
micromole/litre
M = 44.05 g/mol
Other term(s): Acetic aldehyde; Ethanal; Ethylaldehyde
Note(s): CAS 75-07-0
NPU01005
B—Acetaldehyde; subst.c. = ? µmol/l

Urine—
Acetaldehyde;
substance concentration
micromole/litre
M = 44.05 g/mol
Other term(s): Acetic aldehyde; Ethanal; Ethylaldehyde
Note(s): CAS 75-07-0
NPU01006
U—Acetaldehyde; subst.c. = ? µmol/l

Drinking water—
Acetaldehyde;
substance concentration
micromole/litre
M = 44.05 g/mol
Other term(s): Acetic aldehyde; Ethanal; Ethylaldehyde
Note(s): CAS 75-07-0
NPU16487
Drinking water—Acetaldehyde; subst.c. = ? µmol/l

Air(ambient)—
Acetone;
substance concentration
millimole/metre³
M = 58.08 g/mol
Other term(s): **Propan-2-one**; Dimethyl ketone; Ketone propane; 2-Propanone
Note(s): CAS 67-64-1
NPU16488
Air(amb)—Acetone; subst.c. = ? mmol/m³

Blood—
Acetone;
substance concentration
micromole/litre
M = 58.08 g/mol
Other term(s): **Propan-2-one**; Dimethyl ketone; Ketone propane; 2-Propanone
Note(s): CAS 67-64-1
NPU16489
B—Acetone; subst.c. = ? µmol/l

Urine—
Acetone;
substance concentration
micromole/litre
M = 58.08 g/mol
Other term(s): **Propan-2-one**; Dimethyl ketone; Ketone propane; 2-Propanone
Note(s): CAS 67-64-1
NPU16490
U—Acetone; subst.c. = ? µmol/l

Drinking water—
Acetone;
substance concentration
micromole/litre
M = 58.08 g/mol
Other term(s): **Propan-2-one**; Dimethyl ketone; Ketone propane; 2-Propanone
Note(s): CAS 67-64-1
NPU16491
Drinking water—Acetone; subst.c. = ? µmol/l

Air(ambient)—
Acetonitrile;
substance concentration
millimole/metre³
M = 41.05 g/mol
Other term(s): Cyanomethane; Ethyl nitrile; Methyl cyanide
Note(s): CAS 75-05-8
NPU16492
Air(amb)—Acetonitrile; subst.c. = ? mmol/m³

Drinking water—
Acetonitrile;
substance concentration
micromole/litre
M = 41.05 g/mol
Other term(s): Cyanomethane; Ethanenitrile; Ethylnitrile; Methylcyanide
Note(s): CAS 75-05-8
NPU16493
Drinking water—Acetonitrile; subst.c. = ? µmol/l

Urine—
6-*O*-Monoacetylmorphine;
substance concentration
micromole/litre
M = 343.39 g/mol
Other term(s): Acetyl morphine; MAM; Monoacetyl morphine
Authority: INN
Note(s): CAS 2784-73-8
NPU16494
Urine—6-*O*-Monoacetylmorphine; subst.c. = µmol/l

Air(ambient)—
Acrolein;
substance concentration
millimole/metre³
M = 56.06 g/mol
Other term(s): **Prop-2-enal**; Acraldehyde; Acrylaldehyde; Acrylic aldehyde; Allyl aldehyde; Propenal
Note(s): CAS 107-02-08
NPU16495
Air(amb)—Acrolein; subst.c. = ? mmol/m³

Drinking water
Acrolein;
substance concentration
micromole/litre
M = 56.06 g/mol
Other term(s): **Prop-2-enal**; Acraldehyde; Acrylaldehyde; Acrylic aldehyde; Allyl aldehyde; Propenal
Note(s): CAS 107-02-08
NPU16496
Drinking water—Acrolein; subst.c. = ? µmol/l

Air(ambient)—
Acrylamide;
substance concentration
millimole/metre³
M = 71.08 g/mol
Other term(s): **Prop-2-enamide**; Acrylamide monomer; Acrylic amide; 2-Propenamide
Note(s): CAS 79-06-1
NPU16497
Air(amb)—Acrylamide; subst.c. = ? mmol/m³

Plasma—
Acrylamide;
substance concentration
micromole/litre
M = 71.08 g/mol
Other term(s): **Prop-2-enamide**; Acrylamide monomer; Acrylic amide; 2-Propenamide
Note(s): CAS 79-06-1
NPU16886
P—Acrylamide; subst.c. = ? µmol/l

Urine—
Acrylamide;
substance concentration
micromole/litre
M = 71.08 g/mol
Other term(s): **Prop-2-enamide**; Acrylamide monomer; Acrylic amide; 2-Propenamide
Note(s): CAS 79-06-1
NPU16498
U—Acrylamide; subst.c. = ? µmol/l

Drinking water—
Acrylamide;
substance concentration
micromole/litre
M = 71.08 g/mol
Other term(s): **Prop-2-enamide**; Acrylamide monomer; Acrylic amide; 2-Propenamide
Note(s): CAS 79-06-1
NPU16499
Drinking water—Acrylamide; subst.c. = ? µmol/l

Air(ambient)—
Acrylate;
substance concentration
millimole/metre³
M(acrylic acid) = 71.06 g/mol
Other term(s): **Prop-2-enoate**; Acroleate; Aqueous acrylate; Ethylenecarboxylate; 2-Propenoate
Note(s): CAS 79-10-7 (acrylic acid)
NPU16500
Air(amb)—Acrylate; subst.c. = ? mmol/m³

Drinking water—
Acrylate;
substance concentration
micromole/litre
M(acrylic acid) = 71.06 g/mol
Other term(s): **Prop-2-enoate**; Acroleate; Aqueous acrylate; Ethylenecarboxylate; 2-Propenoate
Note(s): CAS 79-10-7 (acrylic acid)
NPU16501
Drinking water—Acrylate; subst.c. = ? µmol/l

Air(ambient)—
Acrylonitrile;
substance concentration
millimole/metre³
M = 53.06 g/mol
Other term(s): **Prop-2-enenitrile**; Acrylonitrile monomer; AN; Cyanoethylene; 2-Propenenitrile; VCN; Vinyl cyanide
Note(s): CAS 107-13-1
NPU16502
Air(amb)—Acrylonitrile; subst.c. = ? mmol/m³

Drinking water—
Acrylonitrile;
substance concentration
micromole/litre
M = 53.06 g/mol
Other term(s): **Prop-2-enenitrile**; Acrylonitrile monomer; AN; Cyanoethylene; 2-Propenenitrile; VCN; Vinyl cyanide
Note(s): CAS 107-13-1
NPU16503
Air(amb)—Acrylonitrile; subst.c. = ? µmol/l

Food(specification)—
Aflatoxin B1;
substance content
nmole/kilogram
M = 312.28 g/mol
Other term(s): **(6a*R*,9a*S*)-4-methoxy-2,3,6a,9atetrahydrocyclopenta[*c*]furo[3',2':4,5]furo[2,3-*h*]chromene-1,11-dione**
Note(s): CAS 1162-65-8
NPU16504
Food(spec.)—Aflatoxin B1; subst.cont. = ? nmol/kg

Food(specification)—
Aflatoxin B2;
substance content
nmole/kilogram
M = 314.08 g/mol
Other term(s): **(6a*R*,9a*S*)-4-methoxy-2,3,6a,8,9,9ahexahydrocyclopenta[*c*]furo[3',2':4,5]furo[2,3-*h*]chromene-1,11-dione**
Note(s): CAS 7220-81-7
NPU16505
Food(spec.)—Aflatoxin B2; subst.cont.= ? nmol/kg

Food(specification)—
Aldicarb;
substance content
micromole/kilogram
M = 190.27 g/mol
Other term(s): **(*EZ*)-2-Methyl-2-(methylsulfanyl)propionaldehyde-*O*-(methylcarbamoyl)oxime**;(*EZ*)-2-Methyl-2-(methylthio)propionaldehyde *O*-(methylcarbamoyl)oxime
Authority: ISO
Note(s): CAS 116-06-3
NPU16506
Food(spec.)—Aldicarb; subst.cont. = ? µmol/kg

Drinking water—
Aldicarb;
substance concentration
micromole/litre
M = 190.27 g/mol
Other term(s): **(*EZ*)-2-Methyl-2-(methylsulfanyl)propionaldehyde-*O*-(methylcarbamoyl)oxime**;
(*EZ*)-2-Methyl-2-(methylthio)propionaldehyde-*O*-(methylcarbamoyl)oxime
Authority: ISO
Note(s): CAS 116-06-3
NPU16507
Drinking water—Aldicarb; subst.c. = ? µmol/l

Air(ambient)—
Aldrin;
substance concentration
millimole/metre³
M = 364.92 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8ahexahydro-1,4:5,8-dimethanonaphthalene**;
Aldrine; Compound 118; HHDN; Octalene
Authority: ISO
Note(s): CAS 309-00-2
NPU16508
Air(amb)—Aldrin; subst.c. = ? mmol/m³

Blood—
Aldrin;
substance concentration
micromole/litre
M = 364.92 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8ahexahydro-1,4:5,8-dimethanonaphthalene**; Aldrine; Compound 118; HHDN; Octalene
Authority: ISO
Note(s): CAS 309-00-2
NPU16509
Blood—Aldrin; subst.c. **=** ? µmol/l

Food(specification)—
Aldrin;
substance content
micromole/kg
M = 364.92 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8ahexahydro-1,4:5,8-dimethanonaphthalene**;Aldrine; Compound 118; HHDN; Octalene
Authority: ISO
Note(s): CAS 309-00-2
NPU16510
Food(spec.)—Aldrin; subst.cont. = ? µmol/kg

Drinking water
Aldrin;
substance concentration
micromole/litre
M = 364.92 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8ahexahydro-1,4:5,8-dimethanonaphthalene**;Aldrine; Compound 118; HHDN; Octalene
Authority: ISO
Note(s): CAS 309-00-2
NPU16511
Drinking water—Aldrin; subst.c. **=** ? µmol/l

Air(ambient)—
Allethrin;
substance concentraton
millimole/metre³
M = 302.40 g/mol
Other term(s): **(*RS*)-3-Allyl-2-methyl-4-oxocyclopent-2-enyl (1*R*,3*R*;1*R*,3*S*)-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropane-1-carboxylate**; Alethrin I;Bioallethrin; Depallethrin
Authority: ISO
Note(s): CAS 584-79-2
NPU16512
Air(amb)—Allethrin; subst.c. = ? mmol/m³

Food(specification)
Allethrin;
substance content
micromole/kg
M = 302.40 g/mol
Other term(s): **(*RS*)-3-Allyl-2-methyl-4-oxocyclopent-2-enyl (1*R*,3*R*;1*R*,3*S*)-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropane-1-carboxylate**; Alethrin I;Bioallethrin; Depallethrin
Authority: ISO
Note(s): CAS 584-79-2
NPU16513
Food(spec.)—Allethrin; subst.cont. = ? µmol/kg

Drinking water—
Allethrin;
substance concentraton
micromole/litre
M = 302.40 g/mol
Other term(s): **(*RS*)-3-Allyl-2-methyl-4-oxocyclopent-2-enyl (1*R*,3*R*;1*R*,3*S*)-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropane-1-carboxylate**; Alethrin I;Bioallethrin; Depallethrin
Authority: ISO
Note(s): CAS 584-79-2
NPU16514
Drinking water—Allethrin; subst.c. **=** ? µmol/l

Air(ambient)—
Aluminium(0+III);
substance concentration
millimole/metre³
A = 26,98 g/mol
Other term(s): Aluminium(total)
Note(s): CAS 7429-90-5 (element)
NPU16515
Air(amb)—Aluminium(0+III); subst.c. = ? mmol/m³

Cells(blood)—
Aluminium;
substance content
micromole/kilogram
A = 26.98 g/mol
Other term(s): Aluminium(total)
Note(s): CAS 7429-90-5 (element)
NPU01155
Cells(B)—Aluminium; subst.cont. = ? µmol/kg

Plasma—
Aluminium(III);
substance concentration
micromole/litre
A = 26.98 g/mol
Other term(s): Aluminium(total)
Note(s): CAS 7429-90-5 (element)
NPU16892
P—Aluminium(III); subst.c. = ? µmol/l

Urine—
Aluminium(III);
substance concentration
micromole/litre
A = 26.98 g/mol
Other term(s): Aluminium(total)
Note(s): CAS 7429-90-5 (element)
NPU16893
U—Aluminium(III); subst.c. = ? µmol/l

Drinking water—
Aluminium(III);
substance concentration
micromole/litre
A = 26.98 g/mol
Other term(s): Aluminium(total)
Note(s): CAS 7429-90-5 (element)
NPU16516
Drinking water—Aluminium(III); subst.c. = ? µmol/l

Plasma—
alpha-
Amanitin;
substance concentration
micromole/litre
M = 918.98 g/mol
Authority: INN
Note(s): CAS 23109-05-9
NPU16517
P—alpha-Amanitin; subst.c. = ? µmol/l

Urine—
alpha-
Amanitin;
substance concentration
micromole/litre
M = 918.98 g/mol
Authority: INN
Note(s): CAS 23109-05-9
NPU16518
U—alpha-Amanitin; subst.c. = ? µmol/l

Plasma—
beta-
Amanitin;
substance concentration
micromole/litre
M = 919.97 g/mol
Authority: INN
Note(s): CAS 13567-07-2; 21150-22-1
NPU16519
P—beta-Amanitin; subst.c. = ? µmol/l

Urine—
beta-
Amanitin;
substance concentration
micromole/litre
M = 919.97 g/mol
Authority: INN
Note(s): CAS 13567-07-2; 21150-22-1
NPU16520
U—beta-Amanitin; subst.c. = ? µmol/l

Plasma—
gamma-
Amanitin;
substance concentration
micromole/litre
M = 902.98 g/mol
Authority: INN
Note(s): CAS 13567-11-8; 21150-23-2
NPU16521
P—gamma-Amanitin; subst.c. = ? µmol/l

Urine—
gamma-
Amanitin;
substance concentration
micromole/litre
M = 902.98 g/mol
Authority: INN
Note(s): CAS 13567-11-8; 21150-23-2
NPU16522
U—gamma-Amanitin; subst.c. = ? µmol/l

Urine—
Amfetamine;
arbitrary concentration(procedure)
M = 135.21 g/mol
Other term(s): **(*RS*)-1-Phenylpropan-2-amine**;Actedron; Adipan; Allodene; β-aminopropylbenzene; Amphetamine; Durophet;Elastonon; Isoamyne; Isomyn; Mecodrin;DL-α-Methylphenethylamine; Norephedrane;Novydrine; Ortedrine; Phenedrine; 1-Phenyl-2-aminopropane; (Phenylisopropyl)amine; Profamina; Propisamine; Psychedrine; Sympamine; Sympatedrin; Sympatedrine
Authority: INN
Note(s): CAS 300-62-9
NPU01163
U—Amfetamine; arb.c.(proc.) = ?

Urine—
Amfetamine;
substance concentration
micromole/litre
M = 135.21 g/mol
Other term(s): **(*RS*)-1-Phenylpropan-2-amine**;Actedron; Adipan; Allodene; β-aminopropylbenzene; Amphetamine; Durophet;Elastonon; Isoamyne; Isomyn; Mecodrin;DL-α-Methylphenethylamine; Norephedrane;Novydrine; Ortedrine; Phenedrine; 1-Phenyl-2-aminopropane; (Phenylisopropyl)amine; Profamina; Propisamine; Psychedrine; Sympamine; Sympatedrin; Sympatedrine
Authority: INN
Note(s): CAS 300-62-9
NPU01166
U—Amfetamine; subst.c. = ? µmol/l

Urine—
Amfetamine+analogue;
arbitrary concentration(procedure)
M(Amfetamine) = 135.21 g/mol
Authority: INN
Note(s): CAS 300-62-9 (amfetamine); Analogues are BDB; Ephedrine; Fenfluramine; MBDB; Metamfetamine; 3,4-Methylenedioxyamfetamine;3,4-Metylenedioxymetamfetamine; 3,4-Metylenedioxyethylamfetamine; Pseudoephedrine
NPU08960
U—Amfetamine+analogue; arb.c.(proc.) = ?

Urine—
Amfetamine+analogue;
taxon(procedure)
M(Amfetamine) = 135.21 g/mol
Authority: INN
Note(s): CAS 300-62-9 (amfetamine); Analogues are BDB; Ephedrine; Fenfluramine; MBDB; Metamfetamine; 3,4-Methylenedioxyamfetamine; 3,4-Metylenedioxymetamfetamine;3,4-Metylenedioxyethylamfetamine; Pseudoephedrine
NPU08980
U—Amfetamine+analogue; taxon(proc.) = ?

Urine—
Amfetaminil;
arbitrary concentration(procedure)
M = 250.34 g/mol
Other term(s): **2-Phenyl-2-(1-phenylpropan-2-ylamino)acetonitrile**; Amphetaminil; *N*-(□-Methylphenethyl)-2-phenylglycinylnitrile
Authority: INN
Note(s): CAS 17590-01-1
NPU04913
U—Amfetaminil; arb.c.(proc.) = ?

Urine—
Amfetaminil;
substance concentration
micromole/litre
M = 250.34 g/mol
Other term(s): **2-Phenyl-2-(1-phenylpropan-2-ylamino)acetonitrile**; Amphetaminil; *N*-(□-Methylphenethyl)-2-phenylglycinylnitrile
Authority: INN
Note(s): CAS 17590-01-1
NPU01169
U—Amfetaminil; subst.c. = ? µmol/l

Air(ambient)—
Amitrole;
substance concentration
micromole/metre³
M = 84.08 g/mol
Other term(s): **1*H*-1,2,4-triazol-3-amine**; Aminotriazole
Authority: ISO
Note(s): CAS 61-82-5
NPU16524
Air(amb)—Amitrole; subst.c. = ? mmol/m³

Food(specification)—
Amitrole;
substance content
micromole/kg
M = 84.08 g/mol
Other term(s): **1*H*-1,2,4-triazol-3-amine**; Aminotriazole
Authority: ISO
Note(s): CAS 61-82-5
NPU16525
Food(spec.)—Amitrole: subst.cont. = ? µmol/kg

Urine—
Amitrole;
substance concentration
nanomole/litre
M = 84.08 g/mol
Other term(s): **1*H*-1,2,4-triazol-3-amine**; Aminotriazole
Authority: ISO
Note(s): CAS 61-82-5
NPU16523
U—Amitrole; subst.c. = ? nmol/l

Drinking water—
Amitrole;
substance concentration
micromole/litre
M = 84.08 g/mol
Other term(s): **1*H*-1,2,4-triazol-3-amine**; Aminotriazole
Authority: ISO
Note(s): CAS 61-82-5
NPU16526
Drinking water—Amitrole; subst.c. = ? µmol/l

Air(ambient)—
Ammonia;
substance concentration
millimole/metre³
M = 17.04 g/mol
Note(s): CAS 7664-41-7
NPU16527
Air(amb)—Ammonia; subst.c. = ? mmol/m³

Plasma—
Ammonium;
substance concentration
micromole/litre
M = 18.04 g/mol
Note(s): CAS 7664-41-7 (ammonia)
NPU03928
P—Ammonium; subst.c. = ? µmol/l

Plasma(arterial blood)—
Ammonium;
substance concentration
micromole/litre
M = 18.04 g/mol
Note(s): CAS 7664-41-7 (ammonia)
NPU01226
P(aB)—Ammonium; subst.c. = ? µmol/l

Urine—
Ammonium;
substance concentration
micromole/litre
M = 18.04 g/mol
Note(s): CAS 7664-41-7 (ammonia)
NPU01227
U—Ammonium; subst.c. = ? µmol/l

Drinking water—
Ammonium;
substance concentration
micromole/litre
M = 18.04 g/mol
Note(s): CAS 7664-41-7 (ammonia)
NPU16528
Drinking water—Ammonium; subst.c. = ? µmol/l

Air(ambient)—
Antimony(0+III+V);
substance concentration
micromole/metre³
A = 121.75 g/mol
Other term(s): Antimony(total)
Note(s): CAS 7440-36-0 (element)
NPU16529
Air(amb)—Antimony(0+III+V); subst.c. = ? µmol/m³

Blood—
Antimony(III+V);
substance concentration
nanomole/litre
A = 121.75 g/mol
Other term(s): Antimony(total)
Note(s): CAS 7440-36-0 (element)
NPU16894
B—Antimony(III+V); subst.c. = ? nmol/l

Plasma—
Antimony;
substance concentration
nanomole/litre
A = 121.75 g/mol
Other term(s): Antimony(total)
Note(s): CAS 7440-36-0 (element)
NPU01273
P—Antimony; subst.c. = ? nmol/l

Urine—
Antimony(III+V);
substance concentration
nanomole/litre
A = 121.75 g/mol
Other term(s): Antimony(total)
Note(s): CAS 7440-36-0 (element)
NPU16530
U—Antimony(III+V); subst.c. = ? nmol/l

Drinking water—
Antimony(III+V);
substance concentration
nanomole/litre
A = 121.75 g/mol
Other term(s): Antimony(total)
Note(s): CAS 7440-36-0 (element)
NPU16531
Drinking water—Antimony(III+V); subst.c. = ? nmol/l

Air(ambient)—
Antimony trihydride;
substance concentration
micromole/metre³
M = 124.78 g/mol
Other term(s): Antimony hydride; Hydrogenantimonide; Stibine
Note(s): CAS 7803-52-3
NPU16825
Air(amb)—Antimony trihydride; subst.c. = ? µmol/m³

Drinking water—
Antimony trihydride;
substance concentration
nanomole/litre
M = 124.78 g/mol
Other term(s): Antimony hydride; Hydogenantimonide; Stibine
Note(s): CAS 7803-52-3
NPU16826
Drinking water—Antimony trihydride; subst.c. = ? nmol/l

Air(ambient)—
Arsenic(III+V; inorganic+organic);
substance concentration
micromole/metre³
A = 74.92 g/mol
Other term(s): Arsenic (total)
Note(s): CAS 7440-38-2 (element)
NPU16532
Air(amb)—Arsenic(III+V; inorganic+organic); subst.c. = ? µmol/m³

Blood—
Arsenic(III+V; inorganic+organic);
substance concentration
nanomole/litre
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16896
B—Arsenic(III+V; inorganic+organic); subst.c. = ? nmol/l

Cells(Blood)—
Arsenic(III+V; inorganic+organic);
substance content
nanomole/kilogram
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16946
Cells(B)—Arsenic(III+V; inorganic+organic); subst.cont. = ? nmol/kg

Hair—
Arsenic(III+V; inorganic+organic);
substance content
micromole/kilogram
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16897
Hair—Arsenic(III+V; inorganic+organic); subst.cont. = ? µmol/kg

Plasma—
Arsenic(III+V; inorganic+organic);
substance concentration
nanomole/litre
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16955
P—Arsenic(III+V; inorganic+organic); subst.c. = ? nmol/l

Urine—
Arsenic(III+V; inorganic+organic);
substance concentration
nanomole/litre
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16898
U—Arsenic(III+V; inorganic+organic); subst.c. = ? nmol/l

Drinking water—
Arsenic(III+V; inorganic+organic);
substance concentration
nanomole/litre
A = 74.92 g/mol
Other term(s): Arsenic(total)
Note(s): CAS 7440-38-2 (element)
NPU16533
Drinking water—Arsenic(III+V; inorganic+organic); subst.c. = ? nmol/l

Air(ambient)—
Arsine;
substance concentration
micromole/metre³
M = 77.95 g/mol
Other term(s): Arsenic hydride; Arsenic trihydride; Hydrogen arsenide
Authority: ISO
Note(s): CAS 7784-42-1
NPU16534
Air(amb)—Arsine; subst.c. = ? µmol/m³

Air(ambient)—
Asbestos fibres(length >5 µm; aspect ratio(L:D)>= 3:1);
number concentration(procedure)
one/metre³
Note(s): CAS 1332-21-4; Types of asbestos include Actinolite; Amosite (Cummingtonite-Grunerite); Anthophyllite; Chrysotile; Crocidolite(Riebeckite); Tremolite
NPU16535
Air(amb)—Asbestos fibres(length >5 µm; aspect ratio(L:D)>= 3:1); num.c.(proc.) = ? × 1/m³

Fluid (alveolar)—
Asbestos fibres(length > 5 µm, aspect ratio(L:D)≥3:1);
number concentration(procedure)
one/litre
Note(s): CAS 1332-21-4; Types of asbestos include Actinolite; Amosite (Cummingtonite-Grunerite); Anthophyllite; Chrysotile; Crocidolite (Riebeckite); Tremolite
NPU16536
BAL—Asbestos fibres(length >5 µm; aspect ratio(L:D)>= 3:1); num.c.(proc.) = ? × 1/l

Plasma—
Barbiturate;
substance concentration(list)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid
NPU16396
P—Barbiturate; subst.c.(list)
NPU16400 P—Barbital; subst.c. = ? nmol/l
NPU10139 P—Barbital; subst.c. = ? µmol/l
NPU03954 P—Pentobarbital; subst.c. = ? µmol/l
NPU16394 P—Pentobarbital; subst.c. = ? nmol/l
NPU03062 P—Phenobarbital; subst.c. = ? µmol/l
NPU16390 P—Phenobarbital; subst.c. = ? nmol/l

Plasma—
Barbiturate;
taxon(list; procedure)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid
NPU01345
P—Barbiturate; taxon(list; proc.) = ?

Urine—
Barbiturate;
arbitrary concentration(list; procedure)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid
NPU04826
U—Barbiturate; arb.c.(list; proc.)
NPU01343 U—Barbital; arb.c.(proc.) = ?
NPU04769 U—Butalbital; arb.c(proc.) = ?
NPU03042 U—Pentobarbital; arb.c.(proc.) =?
NPU03063 U—Phenobarbital; arb.c. (proc.) = ?
NPU08677 U—Thiopental; arb.c.(proc.) = ?

Urine—
Barbiturate;
taxon(procedure)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid
NPU04588
U—Barbiturate; taxon(proc.) = ?

Plasma—
Barbiturates;
arbitrary concentration(procedure)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid; e.g., Alphenal; Amobarbital; Aprobarbital; Barbital; Butabarbital; Cyclopentobarbital; 5-Ethyl-5-(4-hydroxyphenyl)barbiturate; Pentobarbital; Phenobarbital; Secobarbital; Talbutal; Thiopental
NPU16395
P—Barbiturates; arb.c.(proc.) = ?

Plasma—
Barbiturates;
substance concentration
micromole/litre
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid; e.g., Alphenal; Amobarbital; Aprobarbital; Barbital; Butabarbital; Cyclopentobarbital; 5-Ethyl-5-(4-hydroxyphenyl)barbiturate; Pentobarbital; Phenobarbital; Secobarbital; Talbutal; Thiopental
NPU01344
P—Barbiturates; subst.c. = ? µmol/l

Urine—
Barbiturates;
arbitrary concentration(procedure)
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid; e.g., Alphenal;Amobarbital; Aprobarbital; Barbital; Butabarbital;Cyclopentobarbital; 5-Ethyl-5-(4-hydroxyphenyl)barbiturate; Pentobarbital; Phenobarbital; Secobarbital; Talbutal; Thiopental
NPU08959
U—Barbiturates; arb.c.(proc.) = ?

Urine—
Barbiturates;
substance concentration
micromole/litre
M(barbituric acid) = 128.09 g/mol
Authority: INN
Note(s): CAS 67-52-7 (barbituric acid); Molar mass for barbituric acid; e.g., Alphenal; Amobarbital; Aprobarbital; Barbital; Butabarbital; Cyclopentobarbital; 5-Ethyl-5-(4-hydroxyphenyl)barbiturate; Pentobarbital; Phenobarbital; Secobarbital; Talbutal; Thiopental
NPU04085
U—Barbiturates; subst.c. = ? µmol/l

Air(ambient)—
Barium(II);
substance concentration(procedure)
micromole/metre³
A = 137.34 g/mol
Note(s): CAS 7440-39-3 (element)
NPU16537
Air(amb)—Barium(II); subst.c.(proc.) = ? µmol/m³

Plasma—
Barium(II);
substance concentration
nanomole/litre
A = 137.34 g/mol
Note(s): CAS 7440-39-3 (element)
NPU016899
P—Barium(II); subst.c. = ? nmol/l

Urine—
Barium(II);
substance concentration
nanomole/litre
A = 137.34 g/mol
Note(s): CAS 7440-39-3 (element)
NPU16900
U—Barium(II); subst.c. = ? nmol/l

Drinking water—
Barium(II);
substance concentration
micromole/litre
A = 137.34 g/mol
Note(s): CAS 7440-39-3 (element)
NPU16538
Drinking water—Barium(II); subst.c. = ? µmol/l

Urine—
Basic drug;
arbitrary concentration(procedure)
Other term(s): Tetrabromophenolphthalein ethylester reactive compounds
Note(s): Examples of basic drugs are Diphenhydramine; Doxepin; Doxylamin; Flurazepam; Maprotilin; Pipamperon
NPU16539
U—Basic drug; arb.c.(proc.) = ?

Air(ambient)—
Benomyl;
substance concentration
millimole/metre³
M = 290.36 g/mol
Other term(s): **Methyl 1-(butylcarbamoyl)benzimidazol-2-ylcarbamate**; Methyl 1-(butylcarbamoyl)-2-benzimidazolecarbamate
Authority: ISO
Note(s): CAS 17804-35-2
NPU16540
Air(amb)—Benomyl; subst.c. = ? mmol/m³

Air(ambient)—
Benzene;
substance concentration
micromole/metre³
M = 78.11 g/mol
Note(s): CAS 71-43-2
NPU16541
Air(amb)—Benzene; subst.c. = ? µmol/m³

Exhaled air—
Benzene;
substance concentration
micromole/metre³
M = 78.11 g/mol
Other term(s): Benzol; Phenyl hydride
Note(s): CAS 71-43-2
NPU16542
Exhaled air—Benzene; subst.c. = ? µmol/m³

Urine—
Benzene;
substance concentration
micromole/litre
M = 78.11 g/mol
Other term(s): Benzol; Phenyl hydride
Note(s): CAS 71-43-2
NPU16543
U—Benzene; subst.c. = ? µmol/l

Drinking water—
Benzene;
substance concentration
micromole/litre
M = 78.11 g/mol
Other term(s): Benzol; Phenyl hydride
Note(s): CAS 71-43-2
NPU16544
Drinking water—Benzene; subst.c. = ? µmol/l

Urine—
Benzoylecgonine;
arbitrary concentration(procedure)
M = 289.33 g/mol
Authority: INN
Note(s): CAS 519-09-5
NPU16545
U—Benzoylecgonine; arb.c.(proc.) = ?

Air(ambient)—
Beryllium(0+III);
substance concentration
nanomole/metre³
A = 9.01 g/mol
Note(s): CAS 7440-41-7 (element)
NPU16546
Air(amb)—Beryllium(0+III); subst.c. = ? nmol/m³

Plasma—
Beryllium(III);
substance concentration
nanomole/litre
A = 9.01 g/mol
Note(s): CAS 7440-41-7 (element)
NPU16901
P—Beryllium(III); subst.c. = ? nmol/l

Urine—
Beryllium(III);
substance concentration
nanomole/litre
A = 9.01 g/mol
Note(s): CAS 7440-41-7 (element)
NPU16902
U—Beryllium(III); subst.c. = ? nmol/l

Plasma—
Bismuth(III);
substance concentration
nanomole/litre
A = 208.98 g/mol
Note(s): CAS 7440-69-9 (element)
NPU16903
P—Bismuth(III); subst.c. = ? nmol/l

Urine—
Bismuth(III);
substance concentration
nanomole/litre
A = 208.98 g/mol
Note(s): CAS 7440-69-9 (element)
NPU16904
U—Bismuth(III); subst.c. = ? nmol/l

Air(ambient)—
Boron(III);
substance concentration
millimole/metre³
A = 10.81 g/mol
Note(s): CAS 7440-42-8 (element)
NPU16547
Air(amb)—Boron(III); subst.c. = ? mmol/m³

Plasma—
Boron(III);
substance concentration
micromole/litre
A = 10.81 g/mol
Note(s): CAS 7440-42-8 (element)
NPU16905
P—Boron(III); subst.c. = ? µmol/l

Urine—
Boron(III);
substance concentration
micromole/litre
A = 10.81 g/mol
Note(s): CAS 7440-42-8 (element)
NPU16947
U—Boron(III); subst.c. = ? µmol/l

Drinking water—
Boron(III);
substance concentration
millimole/litre
A = 10.81 g/mol
Note(s): CAS 7440-42-8 (element)
NPU16890
Drinking water—Boron(III); subst.c. = ? mmol/l

Blood—
Bromide ion;
substance concentration
micromole/litre
A = 79.90 g/mol
Note(s): CAS 7726-95-6 (element)
NPU04834
B—Bromide ion; subst.c. = ? µmol/l

Plasma—
Bromide ion;
substance concentration
micromole/litre
A = 79.90 g/mol
Note(s): CAS 7726-95-6 (element)
NPU01403
P—Bromide ion; subst.c. = ? µmol/l

Urine—
Bromide ion;
substance concentration
micromole/litre
A = 79.90 g/mol
Note(s): CAS 7726-95-6 (element)
NPU04870
U—Bromide ion; subst.c. = ? µmol/l

Air(ambient)—
Bromine(gas);
substance concentration
millimole/metre³
M = 159.80 g/mol
Note(s): CAS 7726-95-6
NPU16548
Air(ambient)—Bromine(gas); subst.c. = ? mmol/m³

Air(ambient)—
Butan-1-ol;
substance concentration
millimole/metre³
M = 74.12 g/mol
Other term(s): *n*-Butanol; Butyl alcohol; *n*-Butyl alcohol; 1-Hydroxybutane; *n*-Propyl carbinol
Note(s): CAS 71-36-3
NPU16549
Air(amb)—Butan-1-ol; subst.c. = ? mmol/m³

Drinking water—
Butan-1-ol;
substance concentration
micromole/litre
M = 74.12 g/mol
Other term(s): *n*-Butanol; Butyl alcohol; *n*-Butyl alcohol; 1-Hydroxybutane; *n*-Propyl carbinol
Note(s): CAS 71-36-3
NPU16550
Drinking water—Butan-1-ol; subst.c. = ? µmol/l

Air(ambient)—
Butan-2-ol;
substance concentration
millimole/metre³
M = 74.12 g/mol
Other term(s): *sec*-Butyl alcohol; Butylene hydrate; 2-Hydroxybutane; Methyl ethyl carbinol
Note(s): CAS 78-92-2
NPU16551
Air(amb)—Butan-2-ol; subst.c. = ? mmol/m³

Drinking water—
Butan-2-ol;
substance concentration
micromole/litre
M = 74.12 g/mol
Other term(s): *sec*-Butyl alcohol; Butylene hydrate; 2-Hydroxybutane; Methyl ethyl carbinol
Note(s): CAS 78-92-2
NPU16552
Drinking water—Butan-2-ol; subst.c. = ? µmol/l

Blood—
Cadmium(II);
substance concentration
nanomole/litre
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16948
B—Cadmium(II); subst.c. = ? nmol/l

Cells(Blood)—
Cadmium(II);
substance content
nanomole/kilogram
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16949
Cells(B)—Cadmium(II); subst.cont. = ? nmol/kg

Food(specification)
Cadmium(II);
substance content
micromole/kilogram
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16555
Food(spec.)—Cadmium(II); subst.cont. = ? µmol/kg

Hair—
Cadmium(II);
substance content
micromole/kilogram
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16906
Hair—Cadmium(II); subst.cont. = ? µmol/kg

Plasma—
Cadmium(II);
substance concentration
nanomole/litre
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16907
P—Cadmium(II); subst.c. = ? nmol/l

Urine—
Cadmium(II);
substance concentration
nanomole/litre
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16908
U—Cadmium(II); subst.c. = ? nmol/l

Drinking water—
Cadmium(II);
substance concentration
nanomole/litre
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16556
Drinking water—Cadmium(II); subst.c. = ? nmol/l

Air(ambient)—
Cadmium(0+II; dust);
substance concentration
micromole/metre³
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16557
Air(amb)—Cadmium(0+II; dust); subst.c. = ? µmol/m³

Air(ambient)—
Cadmium(II; fume);
substance concentration
micromole/metre³
A = 112.41 g/mol
Note(s): CAS 7440-43-9 (element)
NPU16558
Air(amb)—Cadmium(II; fume); subst.c. = ? µmol/m³

Blood—
Caesium(I);
substance concentration
nanomole/litre
A = 132.90 g/mol
Note(s): CAS 7440-46-2 (element)
NPU16909
B—Caesium(I); subst.c. = ? nmol/l

Cells(Blood)—
Caesium(I);
substance content
nanomole/kilogram
A = 132.90 g/mol
Note(s): CAS 7440-46-2 (element)
NPU16910
Cells(B)—Caesium(I); subst. cont. = ? nmol/kg

Plasma—
Caesium(I);
substance concentration
nanomole/litre
A = 132.90 g/mol
Note(s): CAS 7440-46-2 (element)
NPU16911
P—Caesium(I); subst.c. = ? nmol/l

Urine—
Caesium;
substance concentration
nanomole/litre
A = 132.90 g/mol
Note(s): CAS 7440-46-2 (element)
NPU01431
U—Caesium; subst.c. = ? nmol/l

Urine—
Cannabinoids;
arbitrary concentration(procedure)
M(cannabinol) = 310.44 g/mol
Authority: INN
Note(s): CAS 521-35-7 (cannabinol); e.g., Cannabidiol; Cannabinol; Tetrahydrocannabinol
NPU08957
U—Cannabinoids; arb.c.(proc.) = ?

Urine—
Cannabinoids;
substance concentration
micromole/litre
M(cannabinol) = 310.44 g/mol
Authority: INN
Note(s): CAS 521-35-7 (cannabinol); e.g., Cannabidiol; Cannabinol; Tetrahydrocannabinol
NPU04622
U—Cannabinoids; subst.c. = ? µmol/l

Urine—
Cannabinol;
substance concentration
nanomole/litre
M = 310.44 g/mol
Other term(s): **6,6,9-Trimethyl-3-pentyl-6*H*dibenzo[*b,d*]pyran~1-ol**; Cannabidiol; Cannabinol; Tetrahydrocannabinol
Authority: INN
Note(s): CAS 521-35-7 (cannabinol)
NPU01452
U—Cannabinol; subst.c. = ? nmol/l

Air(ambient)—
Carbaryl;
substance concentration
micromole/metre³
M = 201.22 g/mol
Other term(s): **1-Naphthyl methylcarbamate**; 1-Naphthyl *N*-methylcarbamate; ENT-23969; OMS-29; UC-7744; Arylam; Carylderm; Clinicide;Derbac; Dicarbam; Ravyon; Seffein; Sevin
Authority: ISO
Note(s): CAS 63-25-2
NPU16559
Air(amb)—Carbaryl; subst.c. = ? µmol/m³

Drinking water—
Carbaryl;
substance concentration
nanomole/litre
M = 201.22 g/mol
Other term(s): **1-Naphthyl methylcarbamate**; 1-Naphthyl *N*-methylcarbamate; ENT-23969; OMS-29; UC-7744; Arylam; Carylderm; Clinicide;Derbac; Dicarbam; Ravyon; Seffein; Sevin
Authority: ISO
Note(s): CAS 63-25-2
NPU16560
Drinking water—Carbaryl; subst.c. = ? nmol/l

Drinking water—
Carbendazim;
substance concentration
nanomole/litre
M = 191.19 g/mol
Other term(s): **Methyl benzimidazol-2-ylcarbamate**; BAS-3460; Bavistin; BCM; BMC; Carbendazim; Carbendazime; Carbendazol; Carbendazole; CTR-6699; Derosal; HOE-17411;MBC; Methyl 2-benzimidazolecarbamate
Authority: ISO
Note(s): CAS 10605-21-7
NPU16561
Drinking water—Carbendazim; subst.c. = ? nmol/l

Plasma—
Carbohydrate deficient transferrin
substance concentration
micromole/litre
M(transferrin) = about 80 000 g/mol
Other term(s): CDT
NPU16562
P—Carbohydrate deficient transferrin; subst.c. = µmol/l

Air(ambient)—
Carbon disulfide;
substance concentration
micromole/metre³
M = 76.14 g/mol
Other term(s): Carbon bisulfide; Carbon bisulphide; Carbon disulphide; Methanedithione
Note(s): CAS 75-15-0
NPU16563
Air(amb)—Carbon disulfide; subst.c. = ? µmol/m³

Air(ambient)—
Carbon monoxide;
substance concentration
millimole/metre³
M = 28.01 g/mol
Other term(s): Carbon oxide; Flue gas; Monoxide
Note(s): CAS 630-08-0
NPU16564
Air(amb)—Carbon monoxide; subst.c. = ? mmol/m³

Haemoglobin(total, blood)—
Carboxyhaemoglobin;
substance fraction
M(HbFe) = about 16 100 g/mol
Other term(s): Carbonylhaemoglobin; CO-Hemoglobin
Note(s): CAS 9061-29-4
NPU01473
Hb(total, blood)—Carboxyhaemoglobin; subst.fr. = ?

Air(ambient)—
Carbon tetrachloride;
substance concentration
millimole/metre³
M = 153.82 g/mol
Other term(s): **Tetrachloromethane**; Carbon chloride; Carbon tet; Freon 10; Halon 104
Note(s): CAS 56-23-5
NPU16565
Air(amb)—Carbon tetrachloride; subst.c. = ? mmol/m³

Cerebrospinal fluid—
Chloramphenicol;
substance concentration
micromole/litre
M = 323.14 g/mol
Other term(s): **2,2-Dichloro-*N*-[(1*R*,2*R*)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide**; Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicetina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Chlorocyn; Enicol; Farmicetina; Fenicol; Globenicol; Intramycetin; Kemicetine;Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthochlor; Pantovernil; Paraxin; Quemicetina; Ronphenil; Sintomicetina; SnoPhenicol; Synthomycetin; Tevcocin; Tifomycine; Veticol; Viceton
Authority: INN
Note(s): CAS 56-75-7
NPU12938
Csf—Chloramphenicol; subst.c. = ? µmol/l

Plasma—
Chloramphenicol;
substance concentration
micromole/litre
M = 323.14 g/mol
Other term(s): **2,2-Dichloro-*N*-[(1*R*,2*R*)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide**; Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicetina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Chlorocyn; Enicol; Farmicetina; Fenicol; Globenicol; Intramycetin; Kemicetine;Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthochlor; Pantovernil; Paraxin; Quemicetina; Ronphenil; Sintomicetina; SnoPhenicol; Synthomycetin; Tevcocin; Tifomycine; Veticol; Viceton
Authority: INN
Note(s): CAS 56-75-7
NPU12934
P—Chloramphenicol; subst.c. = ? µmol/l

System(specification)—
Chloramphenicol;
substance concentration
micromole/litre
M = 323.14 g/mol
Other term(s): **2,2-Dichloro-*N*-[(1*R*,2*R*)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide**; Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicetina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Chlorocyn; Enicol; Farmicetina; Fenicol; Globenicol; Intramycetin; Kemicetine;Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthochlor; Pantovernil; Paraxin; Quemicetina; Ronphenil; Sintomicetina; SnoPhenicol; Synthomycetin; Tevcocin; Tifomycine; Veticol; Viceton
Authority: INN
Note(s): CAS 56-75-7
NPU17513
Syst(spec.)—Chloramphenicol; subst.c. = ? µmol/l

Urine—
Chloramphenicol;
substance concentration
micromole/litre
M = 323.14 g/mol
Other term(s): **2,2-Dichloro-*N*-[(1*R*,2*R*)-2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide**; Ak-Chlor; Amphicol; Anacetin; Aquamycetin; Chemicetina; Chloramex; Chlorasol; Chloricol; Chlorocid; Chloromycetin; Chloroptic; Cloramfen; Chlorocyn; Enicol; Farmicetina; Fenicol; Globenicol; Intramycetin; Kemicetine;Leukomycin; Micoclorina; Mychel; Mycinol; Novomycetin; Ophthochlor; Pantovernil; Paraxin; Quemicetina; Ronphenil; Sintomicetina; SnoPhenicol; Synthomycetin; Tevcocin; Tifomycine; Veticol; Viceton
Authority: INN
Note(s): CAS 56-75-7
NPU12937
U—Chloramphenicol; subst.c. = ? µmol/l

Drinking water—
Chlordane;
substance concentration
nanomole/litre
M = 409.8 g/mol
Other term(s): **1,2,4,5,6,7,8,8-Octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene**; Belt; CD-68; Chlordan; Chlordano; Corodane; Niran; Octachlor; Ortho-Klor; Synklor; Toxichlor; Velsicol 1068
Authority: ISO
Note(s): CAS 57-74-9
NPU16566
Drinking water—Chlordane; subst.c. = ? nmol/l

Air(ambient)—
Chlordecone;
substance concentration
nanomole/metre³
M = 490.64 g/mol
Other term(s):
Perchloropentacyclo[5.3.0.0$_{2,6}$.0$_{3,9}$.0$_{4,8}$]decan-5-one; GC-1189; Kepone
Authority: ISO
Note(s): CAS 143-50-0
NPU16567
Air(amb)—Chlordecone; subst.c. = ? nmol/m³

Drinking water—
Chlordecone;
substance concentration
nanomole/litre
M = 490.64 g/mol
Other term(s):
Perchloropentacyclo[5.3.0.0$_{2,6}$.0$_{3,9}$.0$_{4,8}$]decan-5-one; GC-1189; Kepone
Authority: ISO
Note(s): CAS 143-50-0
NPU16568
Drinking water—Chlordecone; subst.c. = ? nmol/l

Air(ambient)—
Chlordimeform;
substance concentration
nanomole/metre³
M = 196.67 g/mol
Other term(s): ***N*2-(4-chloro-2-methylphenyl)-*N*1,*N*1-dimethylformamidine**; *N*2-(4-chloro-otolyl)-*N*1,*N*1-dimethylformamidine; CDM; Chlorophenamidine; Chlorphenamidine; Ciba8514; Fundal; Galecron; Schering 36268; Spanon
Authority: ISO
Note(s): CAS 6164-98-3
NPU16569
Air(amb)—Chlordimeform; subst.c. = ? nmol/m³

Drinking water—
Chlordimeform;
substance concentration
nanomole/litre
M = 196.67 g/mol
Other term(s): ***N*2-(4-chloro-2-methylphenyl)-*N*1,*N*1-dimethylformamidine**; *N*2-(4-chloro-otolyl)-*N*1,*N*1-dimethylformamidine; CDM; Chlorophenamidine; Chlorphenamidine; Ciba8514; Fundal; Galecron; Schering 36268; Spanon
Authority: ISO
Note(s): CAS 6164-98-3
NPU16570
Drinking water—Chlordimeform; subst.c. = ? nmol/l

Urine—
Chlorinated hydrocarbon;
arbitrary concentration(procedure)
Other term(s): Fujiwara reactive compounds
Note(s): Examples of chlorinated hydrocarbons are Chloroform; Chloral hydrate
NPU16571
U—Chlorinated hydrocarbon; arb.c.(proc.) = ?

Drinking water—
Chlorinated paraffins(typically C$_{12}$H$_{20}$Cl$_6$);
substance concentration
nanomole/litre
M(typically) = 377 g/mol
Note(s): CAS 108171-26-2
NPU16572
Drinking water—Chlorinated paraffins(typically C$_{12}$H$_{20}$Cl$_6$); subst.c. = ? nmol/l

Drinking water—
Chlorinated paraffins(typically C$_{23}$H$_{40}$Cl$_8$);
substance concentration
nanomole/litre
M(typically) = 600 g/mol
Note(s): CAS 108171-27-3
NPU16573
Drinking water—Chlorinated paraffins(typically C$_{23}$H$_{40}$Cl$_8$); subst.c. = ? nmol/l

Air(ambient)—
Chlorine;
substance concentration
micromole/metre³
M = 70.91 g/mol
Note(s): CAS 7782-50-5
NPU16574
Air(amb)—Chlorine; subst.c. = ? µmol/m³

Drinking water—
Chlorine;
substance concentration
micromole/litre
M = 70.91 g/mol
Note(s): CAS 7782-50-5
NPU16575
Drinking water—Chlorine; subst.c. = ? µmol/l

Air(ambient)—
Chlorobenzenes(except hexachlorobenzene);
substance concentration
micromole/metre³
M(monochlorobenzene) = 112.56 g/mol
Authority: ISO
Note(s): CAS 108-90-7; Molar mass for a typical monochlorobenzene
NPU16576
Air(amb)—Chlorobenzenes(except hexachlorobenzene); subst.c. = ? µmol/m³

Drinking water—
Chlorobenzenes(except hexachlorobenzene);
substance concentration
micromole/litre
M(monochlorobenzene) = 112.56 g/mol
Authority: ISO
Note(s): CAS 108-90-7; Molar mass for a typical monochlorobenzene
NPU16577
Drinking water—Chlorobenzenes(except hexachlorobenzene); subst.c. = ? µmol/l

Air(ambient)—
Chloroform;
substance concentration
millimole/metre³
M = 119.39 g/mol
Other term(s): Methane trichloride; Trichloromethane
Note(s): CAS 67-66-3
NPU16578
Air(amb)—Chloroform; subst.c. = ? mmol/m³

Drinking water—
Chloroform;
substance concentration
micromole/litre
M = 119.39 g/mol
Other term(s): **Trichloromethane**; Methane trichloride
Note(s): CAS 67-66-3
NPU16579
Drinking water—Chloroform; subst.c. = ? µmol/l

Air(ambient)—
2-
Chlorophenol;
substance concentration
millimole/metre³
M = 128.56 g/mol
Other term(s): 1-Chloro-2-hydroxybenzene;*o*-Chlorophenol; Chlorophenolate; 2-Hydroxychlorobenzene
Note(s): CAS 95-57-8
NPU16580
Air(amb)—2-Chlorophenol; subst.c. = ? mmol/m³

Drinking water—
2-
Chlorophenol;
substance concentration
nanomole/litre
M = 128.56 g/mol
Other term(s): 1-Chloro-2-hydroxybenzene; *o*-Chlorophenol; Chlorophenolate; 2-Hydroxychlorobenzene
Note(s): CAS 95-57-8
NPU16581
Drinking water—2-Chlorophenol; subst.c. = ? nmol/l

Air(ambient)—
3-
Chlorophenol;
substance concentration
millimole/metre³
M = 128.56 g/mol
Other term(s): 3-Chlorohydroxybenzene; *m*-Chlorophenol; 3-Hydroxychlorobenzene; Meta-chlorophenol
Note(s): CAS 108-43-0
NPU16582
Air(amb)—3-Chlorophenol; subst.c. = ? mmol/m³

Drinking water—
3-
Chlorophenol;
substance concentration
nanomole/litre
M = 128.56 g/mol
Other term(s): 3-Chlorohydroxybenzene; *m*-Chlorophenol; 3-Hydroxychlorobenzene;Meta-chlorophenol
Note(s): CAS 108-43-0
NPU16583
Drinking water—3-Chlorophenol; subst.c. = ? nmol/l

Air(ambient)—
4-
Chlorophenol;
substance concentration
millimole/metre³
M = 128.56 g/mol
Other term(s): Applied 3-78; *p*-Chlorophenic acid; *p*-Chlorophenol; *p*-Hydroxychlorobenzene; 4-Hydroxychlorobenzene
Note(s): CAS 106-48-9
NPU16584
Air(amb)—4-Chlorophenol; subst.c. = ? mmol/m³

Drinking water—
4-
Chlorophenol;
substance concentration
nanomole/litre
M = 128.56 g/mol
Other term(s): Applied 3-78; *p*-Chlorophenic acid; *p*-Chlorophenol; *p*-Hydroxychlorobenzene; 4-Hydroxychlorobenzene
Note(s): CAS 106-48-9
NPU16585
Drinking water—4-Chlorophenol; subst.c. = ? nmol/l

Drinking water—
Chlorothalonil;
substance concentration
nanomole/litre
M = 265.91 g/mol
Other term(s): **Tetrachloroisophthalonitrile**; Bravo; Chlorthalonil; DAC-2787; Daconil 2787; 1,3-Dicyano-2,4,5,6-tetrachlorobenzene; Exotherm Termil; Forturf; Termil; 2,4,5,6-Tetrachloro-1,3-dicyanobenzene; *m*-Tetrachlorophthalodinitrile
Authority: ISO
Note(s): CAS 1897-45-6
NPU16586
Drinking water—Chlorothalonil; subst.c. = ? nmol/l

Air(ambient)—
Chromates;
substance concentration
nanomole/metre³
M = 115.99 g/mol
Note(s): CAS 1333-82-0 (chromic acid)
NPU16587
Air(amb)— Chromates**;** subst.c. = ? nmol/m³

Drinking water—
Chromates;
substance concentration
nanomole/litre
M = 115.99 g/mol
Note(s): CAS 1333-82-0 (chromic acid)
NPU16588
Drinking water— Chromates; subst.c. = ? nmol/l

Air(ambient)—
Chromium(III and VI);
substance concentration
micromole/metre³
A = 51.99 g/mol
Note(s): CAS 7440-47-3 (element)
NPU16589
Air(amb)—Chromium(III and VI); subst.c. = ? µmol/m³

Air(specification)—
Chromium(VI);
substance concentration
micromole/metre³
A = 51.99 g/mol
Note(s): CAS 7440-47-3 (element)
NPU16590
Air(spec.)—Chromium(VI); subst.c. = ? µmol/m³

Cells(blood)—
Chromium(III);
substance content
nanomole/kilogram
A = 51.99 g/mol
Note(s): CAS 7440-47-3 (element)
NPU01586
Cells(b)—Chromium(III); subst.cont. = ? nmol/kg

Plasma—
Chromium(III);
substance concentration
nanomole/litre
A = 51.99 g/mol
Note(s): CAS 7440-47-3 (element)
NPU01589
P—Chromium(III); subst.c. = ? nmol/l

Urine—
Chromium(III);
substance concentration
nanomole/litre
A = 51.99 g/mol
Note(s): CAS 7440-47-3 (element)
NPU01590
U—Chromium(III); subst.c. = ? nmol/l

Urine—
Cocaine and metabolites;
arbitrary concentration(procedure)
Authority: INN
CAS Registry Number: 50-36-2 (cocaine)
Note(s): Examples of metabolites are Benzoylecgonine; Ecgonine; Ecgonine methylester
NPU08955
U—Cocaine and metabolites; arb.c.(proc.) =

Cells(Blood)—
Copper;
substance content
micromole/kilogram
A = 63.55 g/mol
Note(s): CAS 7440-50-8 (element)
NPU04905
Cells(B)—Copper; subst.cont. = ? µmol/kg

Plasma—
Copper;
substance concentration
micromole/litre
A = 63.55 g/mol
Note(s): CAS 7440-50-8 (element)
NPU01773
P—Copper; subst.c. = ? µmol/l

Urine—
Copper;
substance concentration
micromole/litre
A = 63.55 g/mol
Note(s): CAS 7440-50-8 (element)
NPU01774
U—Copper; subst.c. = ? µmol/l

Air(ambient)—
Copper(0+I+II; Dust+Mist);
substance concentration
micromole/metre³
A = 63.55 g/mol
Other term(s): Copper(total)
Note(s): CAS 7440-50-8 (element)
NPU16591
Air(amb)—Copper(0+I+II; Dust+Mist); subst.c. = ? µmol/m³

Air(specification)—
Copper oxide(dust+fume);
substance concentration
micromole/metre³
A = 79.54 g/mol
Note(s): CAS 1317-38-0
NPU16592
Air(spec.)—Copper oxide(dust+fume); subst.c. = ? µmol/m³

Blood—
Cotinine;
substance concentration
micromole/litre
M = 176.22 g/mol
Other term(s): **1-Methyl-5-pyridin-3-ylpyrrolidin-2-one**
Authority: INN
Note(s); CAS 486-56-6
NPU16593
B—Cotinine; subst.c. = ? µmol/l

Urine—
Cotinine;
substance concentration
micromole/litre
M = 176.22 g/mol
Other term(s): **1-Methyl-5-pyridin-3-ylpyrrolidin-2-one**
Authority: INN
Note(s); CAS 486-56-6
NPU16594
U—Cotinine; subst.c. = ? µmol/l

Air(ambient)—
2-Methylphenol;
substance concentration
micromole/metre³
M = 108.15 g/mol
Other term(s): **2-Methylphenol**; 2-Cresol; *o*-Cresylic acid; 1-Hydroxy-2-methylbenzene; 2-Hydroxytoluene
Note(s): CAS 95-48-7
NPU16595
Air(amb)—2-Methylphenol; subst.c. = ? µmol/m³

Drinking water—
2-Methylphenol;
substance concentration
nanomole/litre
M = 108.15 g/mol
Other term(s): **2-Methylphenol**; 2-Cresol; *o*-Cresylic acid; 1-Hydroxy-2-methylbenzene; 2-Hydroxytoluene
Note(s): CAS 95-48-7
NPU16596
Drinking water—2-Methylphenol l; subst.c. = ? nmol/l

Air(ambient)—
3-Methylphenol;
substance concentration
micromole/metre³
M = 108.15 g/mol
Other term(s): **3-Methylphenol**; 3-Cresol; *m*-Cresylic acid; 1-Hydroxy-3-methylbenzene; 3-Hydroxytoluene
Note(s): CAS 108-39-4
NPU16597
Air(amb)—3-Methylphenol; subst.c. = ? µmol/m³

Drinking water—
3-Methylphenol;
substance concentration
nanomole/litre
M = 108.15 g/mol
Other term(s): **3-Methylphenol**; 3-Cresol; *m*-Cresylic acid; 1-Hydroxy-3-methylbenzene; 3-Hydroxytoluene
Note(s): CAS 108-39-4
NPU16598
Drinking water—3-Methylphenol; subst.c. = ? nmol/l

Air(ambient)—
4-Methylphenol;
substance concentration
micromole/metre³
M = 108.15 g/mol
Other term(s): **4-Methylphenol**; 4-Cresol; *p*-Cresylic acid; 1-Hydroxy-4-methylbenzene; 4-Hydroxytoluene
Note(s): CAS 106-44-5
NPU16599
Air(amb)—4- Methylphenol; subst.c. = ? µmol/m³

Drinking water—
4-Methylphenol;
substance concentration
nanomole/litre
M = 108.15 g/mol
Other term(s): **4-Methylphenol**; 4-Cresol; *p*-Cresylic acid; 1-Hydroxy-4-methylbenzene;4-Hydroxytoluene
Note(s): CAS 106-44-5
NPU16600
Drinking water—4-Methylphenol; subst.c. = ? nmol/l

Food(specification)—
Cyanide ion;
substance content
micromole/kilogram
M = 26.03 g/mol
Note(s): CAS 74-90-8 (hydrogen cyanide)
NPU16601
Food(spec.)—Cyanide ion; subst.cont. = ? µmol/kg

Drinking water—
Cyanide ion;
substance concentration
micromole/litre
M = 26.03 g/mol
Note(s): CAS 74-90-8 (hydrogen cyanide)
NPU16602
Drinking water—Cyanide ion; subst.c. = ? µmol/l

Food(specification)—
Cypermethrin;
substance content
nanomole/kilogram
M = 416.30 g/mol
Other term(s): **(*RS*)-_-Cyano-3-phenoxybenzyl(1*RS*,3*RS*;1*RS*,3*SR*)-3-(2,2-dichlorovinyl)-2,2-Dimethylcyclopropane-1-carboxylate**; Agrothrin; Ammo; Arrivo; Barricade; Cymbush; Cynoff; Cypercare; Cyperkill; Cypersect; Demon; Dysect; Ectomin; Ectopor; Fastac; Flectron; FMC-30980; NRDC-149; Nurelle; Parasol;Polytrin; PP-383; Ripcord; Rycopel; Sherpa; Topclip
Authority: ISO
Note(s): CAS 52315-07-8
NPU16603
Food(spec.)—Cypermethrin; subst.cont. = ? nmol/kg

Drinking water—
Cypermethrin;
substance concentration
nanomole/litre
M = 416.30 g/mol
Other term(s): **(*RS*)-_-Cyano-3-phenoxybenzyl(1*RS*,3*RS*;1*RS*,3*SR*)-3-(2,2-dichlorovinyl)-2,2-Dimethylcyclopropane-1-carboxylate**; Agrothrin; Ammo; Arrivo; Barricade; Cymbush; Cynoff; Cypercare; Cyperkill; Cypersect; Demon; Dysect; Ectomin; Ectopor; Fastac; Flectron; FMC-30980; NRDC-149; Nurelle; Parasol;Polytrin; PP-383; Ripcord; Rycopel; Sherpa; Topclip
Authority: ISO
Note(s): CAS 52315-07-8
NPU16604
Drinking water—Cypermethrin; subst.c. = ? nmol/l

Food(specification)—
4,4'-DDD;
substance content
nanomole/kilogram
M = 320.05 g/mol
Other term(s): **1,1'-(2,2-Dichloroethane-1,1-diyl)bis(4-chlorobenzene)**; 1,1-Dichloro-2,2-bis(4-chlorophenyl)-ethane; Dichlorodiphenyldichloroethane; Rhothane; TDE
Authority: ISO
Note(s): CAS 72-54-8
NPU16608
Food(spec.)—4,4'-DDD; subst.cont. = ? nmol/kg

Drinking water—
4,4'-DDD;
substance concentration
nanomole/litre
M = 320.05 g/mol
Other term(s): **1,1'-(2,2-Dichloroethane-1,1-diyl)bis(4-chlorobenzene)**; 1,1-Dichloro-2,2-bis(4-chlorophenyl)-ethane; Dichlorodiphenyldichloroethane; Rhothane; TDE
Authority: ISO
Note(s): CAS 72-54-8
NPU16609
Drinking water—4,4'-DDD; subst.c. = ? nmol/l

Food(specification)—
DDE;
substance content
nanomole/kilogram
M = 318.03 g/mol
Other term(s): **1-Chloro-4-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]benzene**; 1-Chloro-4-[2,2-dichloro-1-(4-chlorophenyl)vinyl]benzene; Dichlorodiphenyldichloroethylene
Authority: ISO
Note(s): CAS 72-55-9
NPU16610
Food(spec.)—DDE; subst.cont. = ? nmol/kg

Drinking water—
DDE;
substance concentration
nanomole/litre
M = 318.03 g/mol
Other term(s): **1-Chloro-4-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]benzene**; 1-Chloro-4-[2,2-dichloro-1-(4-chlorophenyl)vinyl]benzene;Dichlorodiphenyldichloroethylene
Authority: ISO
Note(s): CAS 72-55-9
NPU16611
Drinking water—DDE; subst.c. = ? nmol/l

Air(ambient)—
Chlorophenothane;
substance concentration
micromole/metre³
M = 354.49 g/mol
Other term(s): **1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane**; Agritan; Chlorophenothane; Clofenotane; *p,p*'-DDT;Dichlorodiphenyltrichloroethane; Dicophane; Gesapon; Gesarex; Gesarol; Guesapon; Neocid; Pentachlorin
Authority: ISO
Note(s): CAS 50-29-3
NPU16612
Air(amb)—Chlorophenothane; subst.c. = ? µmol/m³

Food(specification)—
Chlorophenothane;
substance content
nanomole/kg
M = 354.49 g/mol
Other term(s): **1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane**; Agritan; Chlorophenothane; Clofenotane; *p,p*'-DDT; Dichlorodiphenyltrichloroethane; Dicophane; Gesapon; Gesarex; Gesarol; Guesapon; Neocid; Pentachlorin
Authority: ISO
Note(s): CAS 50-29-3
NPU16613
Food(spec.)—Chlorophenothane; subst.cont. = ? nmol/kg

Drinking water—
Chlorophenothane;
substance concentration
nanomole/litre
M = 354.49 g/mol
Other term(s): **1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane**; Agritan; Chlorophenothane; Clofenotane; *p,p*'-DDT; Dichlorodiphenyltrichloroethane; Dicophane; Gesapon; Gesarex; Gesarol; Guesapon; Neocid; Pentachlorin
Authority: ISO
Note(s): CAS 50-29-3
NPU16614
Drinking water—Chlorophenothane; subst.c. = ? nmol/l

Drinking water—
Demeton-*S*-methyl;
substance concentration
nanomole/litre
M = 258.34 g/mol
Other term(s): ***S*-2-(Ethylsulfanyl)ethyl-*O*,*O*-dimethyl phosphorothioate**; *S*-2-Ethylthioethyl *O*,*O*-dimethyl phosphorothioate; Bayer 8169; Mercaptophos; E-1059; Systox
Authority: ISO
Note(s): CAS 8065-48-3
NPU16615
Drinking water—Demeton-S-methyl; subst.c. = ? nmol/l

Food(specification)
2,5-
Diaminotoluene;
substance content
nanomole/kilogram
M = 122.19 g/mol
Other term(s): **2-Methylbenzene-1,4-diamine**
Note(s): CAS 95-70-5
NPU16618
Food(spec.)—2,5-Diaminotoluene; subst.cont. = ? nmol/kg

Drinking water—
2,5-
Diaminotoluene;
substance concentration
nanomole/ litre
M = 122.19 g/mol
Other term(s): **2-Methylbenzene-1,4-diamine**
Note(s): CAS 95-70-5
NPU16619
Drinking water—2,5-Diaminotoluene; subst.c. =
? nmol/l

Air(ambient)—
Diazinon;
substance concentration
micromole/metre³
M = 304.36 g/mol
Other term(s): ***O*,*O*-diethyl *O*-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate**; Basudin; Diazide; *O*,*O*-Diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate; Spectracide
Authority: ISO
Note(s): CAS 333-41-5
NPU16620
Air(amb)—Diazinon; subst.c. = ? µmol/m³

Drinking water—
Diazinon;
substance concentration
nanomole/litre
M = 304.36 g/mol
Other term(s): ***O*,*O*-diethyl *O*-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate**; Basudin; Diazide; *O*,*O*-Diethyl *O*-[6-methyl-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate;Spectracide
Authority: ISO
Note(s): CAS 333-41-5
NPU16621
Drinking water—Diazinon; subst.c. = ? nmol/l

Air(ambient)—
1,2-
Dibromoethane;
substance concentration
nanomole/metre³
M = 187.88 g/mol
Other term(s): Ethylene dibromide
Note(s): CAS 106-93-4
NPU16622
Air(amb)—1,2-Dibromoethane; subst.c. = ? nmol/m³

Drinking water—
1,2-
Dibromoethane;
substance concentration
nanomole/litre
M = 187.88 g/mol
Other term(s): Ethylene dibromide
Note(s): CAS 106-93-4
NPU16623
Drinking water—1,2-Dibromoethane; subst.c. = ? nmol/l

Air(ambient)—
Dibutyl phthalate;
substance concentration
micromole/metre³
M = 278.34 g/mol
Other term(s): **Dibutyl benzene-1,2-carboxylate**; DBP; Dibutyl 1,2-benzene-dicarboxylate; Di-*n*-butyl phthalate
Note(s): CAS 84-74-2
NPU16624
Air(amb)—Dibutyl phthalate; subst.c. = ? µmol/m³

Food(specification)—
Dibutyl phthalate;
substance content
nanomole/kilogram
M = 278.34 g/mol
Other term(s): **Dibutyl benzene-1,2-carboxylate**; DBP; Dibutyl 1,2-benzene-dicarboxylate; Di-*n*-butyl phthalate
Note(s): CAS 84-74-2
NPU16625
Food(spec.)—Dibutyl phthalate; subst.cont. = ? nmol/kg

Drinking water—
Dibutyl phthalate;
substance concentration
nanomole/litre
M = 278.34 g/mol
Other term(s): **Dibutyl benzene-1,2-carboxylate**; DBP; Dibutyl 1,2-benzene-dicarboxylate; Di-*n*-butyl phthalate
Note(s): CAS 84-74-2
NPU16626
Drinking water—Dibutyl phthalate; subst.c. = ? nmol/l

Air(ambient)—
1,1-
Dichloroethane;
substance concentration
millimole/metre³
M = 98.96 g/mol
Other term(s): Asymmetrical dichloroethane; Ethylene dichloride; Ethylidene chloride; 1,1-Ethylidene dichloride
Note(s): CAS 75-34-3
NPU16627
Air(amb)—1,1-Dichloroethane; subst.c. = ? mmol/m³

Drinking water—
1,1-
Dichloroethane;
substance concentration
nanomole/litre
M = 98.96 g/mol
Other term(s): Asymmetrical dichloroethane; Ethylene dichloride; Ethylidene chloride; 1,1-Ethylidene dichloride
Note(s): CAS 75-34-3
NPU16628
Drinking water—1,1-Dichloroethane; subst.c. = ? nmol/l

Air(ambient)—
2,4-
Dichlorophenoxyacetate;
substance concentration
micromole/metre³
M = 220.04 g/mol
Other term(s): Agrotect; Amidox; Amoxone; Aqua-kleen; Asgrow Aqua KD; Chloroxone; Croprider; 2,4-D; 2,4-D acid; Decamine; Dichlorophenoxyacetic acid;Dichlorophenoxyethanoic acid; 2,4-Dichlorophenoxyethanoic acid; Dicopur; Dicotox; DMA-4; Dormone; Ed-weed; Emulsamine BK; Envert DT; Ferminine; Formula 40;Lawn-keep; Miracle; Monosan; Netagrone; 2,4-PA; Pannamine; Verton;Weedtox;Weedtrol
Authority: ISO
Note(s): CAS 94-75-7 (2,4-Dichlorophenoxyacetic acid)
NPU16605
Air(amb)—2,4-Dichlorophenoxyacetate; subst.c. = ? µmol/m³

Food(specification)—
2,4-
Dichlorophenoxyacetate;
substance content
nanomole/kilogram
M = 220.04 g/mol
Other term(s): Agrotect; Amidox; Amoxone; Aqua-kleen; Asgrow Aqua KD; Chloroxone; Croprider; 2,4-D; 2,4-D acid; Decamine; Dichlorophenoxyacetic acid; Dichlorophenoxyethanoic acid; 2,4-Dichlorophenoxyethanoic acid; Dicopur; Dicotox; DMA-4; Dormone; Ed-weed; Emulsamine BK; Envert DT; Ferminine; Formula 40; Lawn-keep; Miracle; Monosan; Netagrone; 2,4-PA; Pannamine; Verton;Weedtox;Weedtrol
Authority: ISO
Note(s): CAS 94-75-7 (2,4-Dichlorophenoxyacetic acid)
NPU16606
Food(spec.)—2,4-Dichlorophenoxyacetate; subst.cont. = ? nmol/kg

Drinking water—
2,4-
Dichlorophenoxyacetate;
substance concentration
nanomole/litre
M = 220.04 g/mol
Other term(s): Agrotect; Amidox; Amoxone; Aqua-kleen; Asgrow Aqua KD; Chloroxone; Croprider; 2,4-D; 2,4-D acid; Decamine; Dichlorophenoxyacetic acid; Dichlorophenoxyethanoic acid; 2,4-Dichlorophenoxyethanoic acid; Dicopur; Dicotox; DMA-4; Dormone; Ed-weed; Emulsamine BK; Envert DT; Ferminine; Formula 40; Lawn-keep; Miracle; Monosan; Netagrone; 2,4-PA; Pannamine; Verton;Weedtox;Weedtrol
Authority: ISO
Note(s): CAS 94-75-7 (2,4-Dichlorophenoxyaceticacid)
NPU16607
Drinking water—2,4-Dichlorophenoxyacetate; subst.c. = ? nmol/l

Air(ambient)—
1,2-
Dichloropropane;
substance concentration
micromole/metre³
M = 112.99 g/mol
Other term(s): Propylene dichloride
Note(s): CAS 78-87-5
NPU16629
Air(amb)—1,2-Dichloropropane; subst.c. = ? µmol/m³

Drinking water—
1,2-Dichloropropane;
substance concentration
nanomole/litre
M = 112.99 g/mol
Other term(s): Propylene dichloride
Note(s): CAS 78-87-5
NPU16630
Drinking water—1,2-Dichloropropane; subst.c. = ? nmol/l

Air(ambient)—
1,3-Dichloropropene;
substance concentration
micromole/metre³
M = 110.98 g/mol
Other term(s): 3-Chloroallyl chloride; DCP; 1,3-Dichloro-1-propene; 1,3-Dichloropropylene; Telone
Note(s): CAS 542-75-6
NPU16631
Air(amb)—1,3-Dichloroprop-1-ene; subst.c. = ? µmol/m³

Drinking water—
1,3-Dichloropropene;
substance concentration
nanomole/litre
M = 110.98 g/mol
Other term(s): 3-Chloroallyl chloride; DCP; 1,3-Dichloro-1-propene; 1,3-Dichloropropylene; Telone
Note(s): CAS 542-75-6
NPU16632
Drinking water—1,3-Dichloroprop-1-ene; subst.c. = ? nmol/l

Air(ambient)—
2,2-Dichlorvos;
substance concentration
micromole/metre³
M = 220.98 g/mol
Other term(s): **2,2-Dichlorovinyl dimethyl phosphate**; DDVP; 2,2-Dichloroethenyl dimethyl phosphate
Authority: ISO
Note(s): CAS 62-73-7
NPU16633
Air(amb)—2,2-Dichlorvos; subst.c. = ? µmol/m³

Drinking water—
2,2-Dichlorvos;
substance concentration
nanomole/litre
M = 220.98 g/mol
Other term(s): **2,2-Dichlorovinyl dimethyl phosphate**; DDVP; 2,2-Dichloroethenyl dimethyl phosphate
Authority: ISO
Note(s): CAS 62-73-7
NPU16634
Drinking water—Dichlorvos; subst.c. = ? nmol/l

Air(ambient)—
Dieldrin;
substance concentration
micromole/metre³
M = 380.93 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*R*,6*R*,7*S*,8*S*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8aoctahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene**; HEOD; 1.2,3,4,10,10,-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,exo-5,8-dimethanonaphthalene
Authority: ISO
Note(s): CAS 60-57-1
NPU16635
Air(amb)—Dieldrin; subst.c. = ? µmol/m³

Food(specification)—
Dieldrin;
substance content
nanomole/kilogram
M = 380.93 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*R*,6*R*,7*S*,8*S*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8aoctahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene**; HEOD; 1.2,3,4,10,10,-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,exo-5,8-dimethanonaphthalene
Authority: ISO
Note(s): CAS 60-57-1
NPU16636
Food(spec.)—Dieldrin; subst.cont. = ? nmol/kg

Drinking water—
Dieldrin;
substance concentration
nanomole/litre
M = 380,93 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*R*,6*R*,7*S*,8*S*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8aoctahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene**; HEOD; 1.2,3,4,10,10,-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,exo-5,8-dimethanonaphthalene
Authority: ISO
Note(s): CAS 60-57-1
NPU16637
Drinking water—Dieldrin; subst.c. = ? nmol/l

Plasma—
Diethylene glycol;
substance concentration
millimole/litre
M = 106.12 g/mol
Other term(s): **2,2'-Oxydiethanol**
Note(s): CAS 111-46-6
NPU16638
P-Diethylene glycol; subst.c. = ? mmol/l

Air(ambient)—
Diethylhexyl phthalate;
substance concentration
micromole/metre³
M = 388.55 g/mol
Other term(s): **Bis(2-ethylhexyl) benzene-1,2-dicarboxylate**; 1,2-Benzenedicarboxylic acid-bis(2-ethylhexyl) ester; Bis(2-ethylhexyl)phthalate; DEHP; Di(2-ethylhexyl) phthalate; Dioctyl phthalate; Octoil
Note(s): CAS 117-81-7 (Diethylhexyl phthalic acid)
NPU16639
Air(amb)—Diethylhexyl phthalate; subst.c. = ? µmol/m³

Food(specification)—
Diethylhexyl phthalate;
substance content
micromole/kilogram
M = 388.55 g/mol
Other term(s): **Bis(2-ethylhexyl) benzene-1,2-dicarboxylate**; 1,2-Benzenedicarboxylic acid-bis(2-ethylhexyl) ester; Bis(2-ethylhexyl)-phthalate; DEHP; Di(2-ethylhexyl) phthalate; Dioctyl phthalate; Octoil
Note(s): CAS 117-81-7 (Diethylhexyl phthalic acid)
NPU16640
Food(spec.)—Diethylhexyl phthalate; subst.cont. = ? µmol/kg

Drinking water—
Diethylhexyl phthalate;
substance concentration
nanomole/litre
M = 388.55 g/mol
Other term(s): **Bis(2-ethylhexyl) benzene-1,2-dicarboxylate**; 1,2-Benzenedicarboxylic acid-bis(2-ethylhexyl) ester; Bis(2-ethylhexyl)-phthalate; DEHP; Di(2-ethylhexyl) phthalate; Dioctyl phthalate; Octoil
Note(s): CAS 117-81-7 (Diethylhexyl phthalic acid)
NPU16641
Drinking water—Diethylhexyl phthalate; subst.c. = ? nmol/l

Air(ambient)—
Diethyl phthalate;
substance concentration
micromole/metre³
M = 220.24 g/mol
Other term(s): **1,2-Benzenedicarboxylic acid diethyl ester;** Diethyl benzene-1,2-dicarboxylate; DEP; Diethyl ester of phthalic acid; Ethyl phthalate
Note(s): CAS 84-66-2 (diethyl phthalic acid)
NPU16642
Air(amb)—Diethyl phthalate; subst.c. = ? µmol/m³

Drinking water—
Diethyl phthalate;
substance concentration
nanomole/litre
M = 220.24 g/mol
Other term(s): **1,2-Benzenedicarboxylic acid,diethyl ester;** Diethyl benzene-1,2-dicarboxylate; DEP; Diethyl ester of phthalic acid; Ethyl phthalate
Note(s): CAS 84-66-2 (diethyl phthalic acid)
NPU16643
Drinking water—Diethyl phthalate; subst.c. = ? nmol/l

Blood—
Diethylstilboestrol;
substance concentration
micromole/litre
M = 268.36 g/mol
Other term(s): Antigestil; Bufon; Cyren A; DES; Diethylstilbestrol; Diethylstilbestrolum; Domestrol; Estrobene; Estrosyn; Fonatol; Grafestrol; Makarol;Micrest; Milestro; Neo-Oestranol I; NSC-3070; Oestrogenine; Oestromenin; Oestromensyl; Oestromon; Palestrol; Serral; Sexocretin; Sibol; Stilbestrol; Stilbetin; Stilboefral; Stilboestroform; Stilboestrol; Stilkap; Synestrin; Synthoestrin; Vagestrol
Authority: INN
Note(s): CAS 56-53-1
NPU16644
B—Diethylstilboestrol; subst.c. = ? µmol/l

Food(specification)—
Dimethoate;
substance content
nanomole/kg
M = 229.28 g/mol
Other term(s): ***O*,*O*,-dimethyl *S*-(methylcarbamoyl) phosphorodithioate**; American Cyanamide 12880; Cygon; Fostion MM; Perfekthion; Rogor; Roxion
Authority: ISO
Note(s): CAS 60-51-5
NPU16645
Food (spec.)—Dimethoate; subst.cont. = ? nmol/kg

Drinking water—
Dimethoate;
substance concentration
nanomole/litre
M = 229.28 g/mol
Other term(s): ***O*,*O*,-dimethyl-*S*-(methylcarbamoyl) phosphorodithioate**; American Cyanamide 12880; Cygon; Fostion MM; Perfekthion; Rogor; Roxion
Authority: ISO
Note(s): CAS 60-51-5
NPU16646
Drinking water—Dimethoate; subst.c. = ? nmol/l

Air(ambient)—
N,N-
Dimethylformamide;
substance concentration
millimole/metre³
M = 73.09 g/mol
Other term(s): Dimethylformamide; DMF
Note(s): CAS 68-12-2
NPU16647
Air(amb)—*N,N*-Dimethylformamide; subst.c. = ? mmol/m³

Drinking water—
N,N-
Dimethylformamide;
substance concentration
nanomole/litre
M = 73.09 g/mol
Other term(s): Dimethylformamide; DMF
Note(s): CAS 68-12-2
NPU16648
Drinking water—*N,N*-Dimethylformamide; subst.c. = ? nmol/l

Air(ambient)—
Dimethylmercury;
substance concentration
nanomole/metre³
M = 230.66 g/mol
Note(s): CAS 593-74-8
NPU16649
Air(amb)—Dimethylmercury; subst.c. = ? nmol/m³

Air(ambient)—
Dimethyl sulfate;
substance concentration
micromole/metre³
M = 126.13 g/mol
Other term(s): Dimethyl ester of sulfuric acid; Methyl sulfate
Note(s): CAS 77-78-1
NPU16650
Air(amb)—Dimethyl sulfate; subst.c. = ? µmol/m³

Drinking water—
Dimethyl sulfate;
substance concentration
nanomole/litre
M = 126.13 g/mol
Other term(s): Dimethyl ester of sulfuric acid; Methyl sulfate
Note(s): CAS 77-78-1
NPU16651
Drinking water—Dimethyl sulfate; subst.c. = ? nmol/l

Blood—
Dimethyl sulfoxide;
substance concentration
millimole/litre
M = 78.14 g/mol
Other term(s): (**Methanesulfinyl)methane**; Deltan; Demasorb; Demavet; Demeso; Dimethyl sulphoxide; DMSO; DMS-70; DMS-90; Dolicur; Domoso; Dromisol; Gamasol 90; Hyadur; Kemsol; Methyl sulfoxide; Methyl sulphoxide; Rimso-50; Sclerosol; Somipront; SQ-9453; Syntexan
Note(s): CAS 67-68-5
NPU16652
B—Dimethyl sulfoxide; subst.c. = ? mmol/l

Air(ambient)—
4,6-
Dinitro-*o*-cresol;
substance concentration
micromole/metre³
M = 198.13 g/mol
Other term(s): **2-Methyl-4,6-dinitrophenol**; Dinitro-*o*-cresol; 3,5-Dinitro-2-hydroxytoluene; 4,6-Dinitro-2-methylphenol; DNC; DNOC
Note(s): CAS 534-52-1
NPU16653
Air(amb)—4.6-Dinitro-*o*-cresol; subst.c. = ? µmol/m³

Drinking water—
4,6-
Dinitro-*o*-cresol;
substance concentration
nanomole/litre
M = 198.13 g/mol
Other term(s): **2-Methyl-4,6-dinitrophenol**; Dinitro-*o*-cresol; 3,5-Dinitro-2-hydroxytoluene; 4,6-Dinitro-2-methylphenol; DNC; DNOC
Note(s): CAS 534-52-1
NPU16654
Drinking water—4,6-Dinitro-*o*-cresol; subst.c. = ? nmol/l

Air(ambient)—
Diquat;
substance concentration
micromole/metre³
M = 344.05 g/mol
Other term(s): **9,10-Dihydro-8a,10adiazoniaphenanthrene**; Diquat dibromide; 1,1'-Ethylene-2,2'-bipyridylium dibromide
Authority: ISO
Note(s): CAS 85-00-7
NPU16655
Air(amb)—Diquat; subst.c. = ? µmol/m³

Drinking water—
Diquat;
substance concentration
nanomole/litre
M = 344.05 g/mol
Other term(s): **9,10-Dihydro-8a,10adiazoniaphenanthrene**; Diquat dibromide; 1,1'-Ethylene-2,2'-bipyridylium dibromide
Authority: ISO
Note(s): CAS 85-00-7
NPU16656
Drinking water—Diquat; subst.c. = ? nmol/l

Plasma—
Drug
arbitrary concentration(procedure)
Note(s): Examples are Amfetamine; Amitriptyline; Cocaine; Morphine; Phenobarbital; Temazepam
NPU16657
P—Drug; arb. c.(proc.) = ?

Air(ambient)—
Endosulfan;
substance concentration
micromole/metre³
M = 406.95 g/mol
Other term(s): **(1,4,5,6,7,7-Hexachloro-8,9,10-trinorborn-5-ene-2,3-diyl)bismethylene sulfite**; Benzoepin; Endosulphan; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9ahexahydro- ,9-methano-2,4,3-benzodioxathiepin 3-oxide; Thiodan
Authority: ISO
Note(s): CAS Registry Number: 115-29-7
NPU16659
Air(amb)—Endosulfan; subst.c. = ? µmol/m³

Drinking water—
Endosulfan;
substance concentration
nanomole/litre
M = 406.95 g/mol
Other term(s): **(1,4,5,6,7,7-Hexachloro-8,9,10-trinorborn-5-ene-2,3-diyl)bismethylene sulfite**; Benzoepin; Endosulphan; 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9ahexahydro- 6,9-methano-2,4,3-benzodioxathiepin-3-oxide; Thiodan
Authority: ISO
Note(s): CAS Registry Number: 115-29-7
NPU16660
Drinking water—Endosulfan; subst.c. = ? nmol/l

Air(ambient)—
Endrin;
substance concentration
micromole/metre³
M = 380.93 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,6*S*,7*R*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8aoctahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene**; 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene; Hexadrin
Authority: ISO
Note(s): CAS Registry Number: 72-20-8
NPU16661
Air(amb)—Endrin; subst.c. = ? µmol/m³

Drinking water—
Endrin;
substance concentration
nanomole/litre
M = 380.93 g/mol
Other term(s): **(1*R*,4*S*,4a*S*,5*S*,6*S*,7*R*,8*R*,8a*R*)-1,2,3,4,10,10-hexachloro-1,4,4a,5,6,7,8,8aoctahydro-6,7-epoxy-1,4:5,8-dimethanonaphthalene**; 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene; Hexadrin
Authority: ISO
Note(s): CAS Registry Number: 72-20-8
NPU16662
Drinking water—Endrin; subst.c. = ? nmol/l

Air(ambient)—
Epichlorohydrin;
substance concentration
micromole/metre³
M = 92.53 g/mol
Other term(s): **(Chloromethyl)oxirane**; 1-Chloro-2,3-epoxypropane; 2-Chloropropylene oxide; γ-Chloropropylene oxide
Note(s): CAS 106-89-8
NPU16663
Air(amb)—Epichlorohydrin; subst.c. = ? µmol/m³

Drinking water—
Epichlorohydrin;
substance concentration
nanomole/litre
M = 92.53 g/mol
Other term(s): **(Chloromethyl)oxirane**; 1-Chloro-2,3-epoxypropane; 2-Chloropropylene oxide; γ -Chloropropylene oxide
Note(s): CAS 106-89-8
NPU16664
Drinking water—Epichlorohydrin; subst.c. = ? nmol/l

Air(specification)—
Ethanol;
substance concentration
millimole/metre³
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU16665
Air(spec.)—Ethanol; subst.c. = ? mmol/m³

Beverage(specification)—
Ethanol;
volume fraction
one
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU16666
Beverage(spec.)—Ethanol; vol.fr. = ?

Blood—
Ethanol;
substance concentration
millimole/litre
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU18970
P—Ethanol; subst.c. = ? mmol/l

Plasma—
Ethanol;
substance concentration
millimole/litre
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU01992
P—Ethanol; subst.c. = ? mmol/l

Urine—
Ethanol;
substance concentration
millimole/litre
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU01993
U—Ethanol; subst.c. = ? mmol/l

Drinking water—
Ethanol;
substance concentration
nanomole/litre
M = 46.07 g/mol
Other term(s): 'Alcohol'; Ethyl alcohol; Ethyl hydrate; Ethyl hydroxide; Hydroxyethane
Note(s): CAS 64-17-5
NPU16668
Drinking water—Ethanol; subst.c. = ? nmol/l

Air(ambient)—
2-Ethoxyethanol;
substance concentration
micromole/metre³
M = 90.12 g/mol
Other term(s): Cellosolve; EGEE; Ethylene glycol monoethyl ether
Note(s): CAS 110-80-5
NPU16669
Air(amb)—2-Ethoxyethanol; subst.c. = ? µmol/m³

Air(ambient)—
Ethylbenzene;
substance concentration
millimole/metre³
M = 106.16 g/mol
Other term(s): Ethylbenzol; Phenylethane
Note(s): CAS 100-41-4
NPU16670
Air(amb)—Ethylbenzene; subst.c. = ? mmol/m³

Drinking water—
Ethylbenzene;
substance concentration
nanomole/litre
M = 106.16 g/mol
Other term(s): Ethylbenzol; Phenylethane
Note(s): CAS 100-41-4
NPU16671
Drinking water—Ethylbenzene; subst.c. = ? nmol/l

Air(ambient)—
Ethylene glycol;
substance concentration
micromole/metre³
M = 62.07 g/mol
Other term(s): **Ethane-1,2-diol**; 1,2-Dihydroxyethane; 1,2-Ethanediol; Glycol; Glycol alcohol; Monoethylene glycol
Note(s): CAS 107-21-1
NPU16672
Air(amb)—Ethylene glycol; subst.c. = ? µmol/m³

Beverage(specification)—
Ethylene glycol;
substance concentration
nanomole/litre
M = 62.07 g/mol
Other term(s): **Ethanediol**; 1.2-Dihydroxyethane; 1,2-Ethanediol; Glycol; Glycol alcohol; Monoethylene glycol
Note(s): CAS 107-21-1
NPU16673
Beverage(spec.)—Ethylene glycol; subst.c. = ? nmol/l

Plasma—
Ethylene glycol;
substance concentration
millimole/litre
M = 46.07 g/mol
Other term(s): **Ethanediol**; 1.2-Dihydroxyethane; 1,2-Ethanediol; Glycol; Glycol alcohol; Monoethylene glycol
Note(s): CAS 107-21-1
NPU16674
P—Ethylene glycol; subst.c. = ? mmol/l

Drinking water—
Ethylene glycol;
substance concentration
nanomole/litre
M = 62.07 g/mol
Other term(s): **Ethanediol**; 1,2-Dihydroxyethane; 1,2-Ethanediol; Glycol; Glycol alcohol; Monoethylene glycol
Note(s): CAS 107-21-1
NPU16675
Drinking water—Ethylene glycol; subst.c. = ? nmol/l

Air(ambient)—
Ethylene oxide;
substance concentration
micromole/metre³
M = 44.06 g/mol
Other term(s): **Oxirane**; Dimethylene oxide; 1,2-Epoxy ethane
Note(s): CAS 75-21-8
NPU16676
Air(amb)—Ethylene oxide; subst.c. = ? µmol/m³

Drinking water—
Ethylene oxide;
substance concentration
nanomole/litre
M = 44.06 g/mol
Other term(s): **Oxirane**; Dimethylene oxide; 1,2-Epoxy ethane
Note(s): CAS 75-21-8
NPU16677
Drinking water—Ethylene oxide; subst.c. = ? nmol/l

Urine—
Ethylglucuronide;
substance concentration
micromole/litre
M = 116.95 g/mol
Other term(s): **Ethyl a-D-glucopyranosiduronate**
Note(s): CAS 17685-04-0
NPU16678
U—Ethylglucuronide; subst.c. = ? µmol/l

Urine—
2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine;
substance concentration
micromole/litre
M = 277.41 g/mol
Other term(s): 1,5-Dimethyl-3,3-diphenyl-2-ethylidenepyrrolidine; EDDP; Eddp-3,3; 2-Et-1,5-Dime-3,3-DPP
Note(s): CAS 30223-73-5; methadone metabolite
NPU16658
U—2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine; subst.c. = ? µmol/l

Blood—
Ethylmercury chloride(Hg);
substance concentration
nanomole/litre
M = 265.10 g/mol
Other term(s): Chloroethylmercury; Ethylmercuric chloride; Granosan
Note(s): CAS 107-27-7
NPU16679
B—Ethylmercury chloride(Hg); subst.c. = ? nmol/l

Air(ambient)—
Fenitrothion;
substance concentration
micromole/metre³
M = 277.25 g/mol
Other term(s): ***O*,*O*-dimethyl *O*-(3-methyl-4-nitrophenyl) phosphorothioate**; AC-47300; Accothion; Bayer 41831; Bayer S 5660; Cyfen; Cyten; *O*,*O*-dimethyl *O*-4-nitro-*m*-tolyl phosphorothioate; *O*,*O*-dimethyl *O*-4-nitro-*m*-tolyl thiophosphate; ENT-25715; Folithion; MEP; Metathion; OMS-45; Sumithion
Authority: ISO
Note(s): CAS 122-14-5
NPU16680
Air(amb)—Fenitrothion; subst.c. = ? µmol/m³

Drinking water—
Fenitrothion;
substance concentration
nanomole/litre
M = 277.25 g/mol
Other term(s): ***O*,*O*-dimethyl *O*-(3-methyl-4-nitrophenyl) phosphorothioate**; AC-47300; Accothion; Bayer 41831; Bayer S 5660; Cyfen; Cyten; *O*,*O*-dimethyl *O*-4-nitro-*m*-tolyl phosphorothioate; *O*,*O*-dimethyl *O*-4-nitro-*m*-tolyl thiophosphate; ENT-25715; Folithion; MEP; Metathion; OMS-45; Sumithion
Authority: ISO
Note(s): CAS 122-14-5
NPU16681
Drinking water—Fenitrothion; subst.c. = ? nmol/l

Air(ambient)—
Fenvalerate;
substance concentration
micromole/metre³
M = 419.93 g/mol
Other term(s): **(*RS*)-a-Cyano-3-phenoxybenzyl-(*RS*)-2-(4-chlorophenyl)-3-methylbutanoate**; Belmark; Cyano(3-phenoxyphenyl)methyl 4-chloro-a-(1-methylethyl)benzeneacetate; Phenvalerate; Pydrin; Pyridin; S-5602; SD-43775; Sumicidin; Tirade; WL-43775
Authority: ISO
Note(s): CAS Registry Number: 51630-58-1
NPU16682
Air(amb)—Fenvalerate; subst.c. = ? µmol/m³

Drinking water—
Fenvalerate;
substance concentration
nanomole/litre
M = 419.93 g/mol
Other term(s): **(*RS*)-a-Cyano-3-phenoxybenzyl-(*RS*)-2-(4-chlorophenyl)-3-methylbutanoate**; Belmark; Cyano(3-phenoxyphenyl)methyl-4-chloro-a-(1-methylethyl)benzeneacetate; Phenvalerate; Pydrin; Pyridin; S-5602; SD-43775; Sumicidin; Tirade; WL-43775
Authority: ISO
Note(s): CAS Registry Number: 51630-58-1
NPU16683
Drinking water—Fenvalerate; subst.c. = ? nmol/l

Plasma—
Fluoride;
substance concentration
micromole/litre
A = 19.00 g/mol
Note(s): CAS 16894-48-8
NPU04882
P—Fluoride ion; subst.c. = ? µmol/l

Drinking water—
Fluoride;
substance concentration
micromole/litre
A = 19.00 g/mol
Note(s): CAS 16894-48-8
NPU16684
Drinking water—Fluoride ion; subst.c. = ? µmol/l

Air(ambient)—
Fluorine(total);
substance concentration
micromole/metre³
A = 19.00 g/mol
Note(s): CAS 7782-41-4 (fluorine gas)
NPU16685
Air(amb)—Fluorine(total); subst.c. = ? µmol/m³

Air(ambient)—
Fluorine(gas);
substance concentration
micromole/metre³
M = 38.00 g/mol
Other term(s): **Difluorine**
Note(s): CAS 7782-41-4
NPU16686
Air(amb)—Fluorine(gas); subst.c. = ? µmol/m³

Air(ambient)—
Formaldehyde;
substance concentration
micromole/metre³
M = 30.03 g/mol
Other term(s): Methanal; Methyl anhydride; Methylene oxide
Note(s): CAS 50-00-0
NPU16687
Air(amb)—Formaldehyde; subst.c. = ? µmol/m³

Drinking water—
Formaldehyde;
substance concentration
nanomole/litre
M = 30.03 g/mol
Other term(s): Methanal; Methyl anhydride; Methylene oxide
Note(s): CAS 50-00-0
NPU16688
Drinking water—Formaldehyde; subst.c. = ? nmol/l

Air(ambient)—
Formate;
substance concentration
micromole/metre³
M(formic acid) = 45.03 g/mol
Other term(s): Hydrogen carboxylate; Methanoate
Note(s): CAS 64-18-6 (formic acid)
NPU16689
Air(amb)—Formate; subst.c. = ? µmol/m³

Plasma—
Formate;
substance concentration
millimole/litre
M(formic acid) = 45.03 g/mol
Other term(s): Hydrogen carboxylate; Methanoate
Note(s): CAS 64-18-6 (formic acid)
NPU16690
P—Formate; subst.c. = ? mmol/l

Urine—
Formate;
substance concentration
millimole/litre
M(formic acid) = 45.03 g/mol
Other term(s): Hydrogen carboxylate; Methanoate
Note(s): CAS 64-18-6 (formic acid)
NPU16691
U—Formate; subst.c. = ? mmol/l

Drinking water—
Formate;
substance concentration
millimole/litre
M(formic acid) = 45.03 g/mol
Other term(s): Hydrogen carboxylate; Methanoate
Note(s): CAS 64-18-6 (formic acid)
NPU16692
Drinking water—Formate; subst.c. = ? mmol/l

Plasma—
Glycolate;
substance concentration
millimole/litre
M(glycolic acid) = 75.05 g/mol
Other term(s): **Hydroxyacetate**; Glycollate; Hydroxyethanoate;
Note(s): CAS 79-14-1 (glycolic acid)
NPU16693
P—Glycolate; subst.c. = ? mmol/l

Plasma—
Glycolaldehyde;
substance concentration
millimole/litre
M = 134.17 g/mol
Other term(s): **Hydroxyacetaldehyde**
Note(s): CAS 621-63-6
NPU16694
P—Glycolaldehyde; subst.c. = ? mmol/l

Plasma—
Glyoxylate;
substance concentration
millimole/litre
M(= 71.04 g/mol
Other term(s): **Oxoacetate**; Formylformate; Glyoxalate; Oxoethanoate
Note(s): CAS 298-12-4
NPU16695
P—Glyoxylate; subst.c. = mmol/l

Air(ambient)—
Glyphosate;
substance concentration
micromole/metre³
M = 169.07 g/mol
Other term(s): ***N*-(phosphonomethyl)glycine**; Glifinox; Glycel; Honcho; Jury;
Roundup (41 %);
Weedoff
Authority: ISO
Note(s): CAS 1071-83-6
NPU16696
Air(amb)—Glyphosate; subst.c. = ? µmol/m³

Drinking water—
Glyphosate;
substance concentration
nanomole/litre
M = 169.07 g/mol
Other term(s): ***N*-(phosphonomethyl)glycine**;
Glifinox; Glycel; Honcho; Jury; Roundup (41 %); Weedoff
Authority: ISO
Note(s): CAS 1071-83-6
NPU16697
Drinking water—Glyphosate; subst.c. = ? nmol/l

Air(ambient)—
Heptachlor;
substance concentration
micromole/metre³
M = 373.35 g/mol
Other term(s): **1*H*-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene**; Heptachlore
Authority: ISO
Note(s): CAS 76-44-8
NPU16698
Air(amb)—Heptachlor; subst.c. = ? µmol/m³

Drinking water—
Heptachlor;
substance concentration
nanomole/litre
M = 373.35 g/mol
Other term(s): **1*H*-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene**; Heptachlore
Authority: ISO
Note(s): CAS 76-44-8
NPU16699
Drinking water—Heptachlor; subst.c. = ? nmol/l

Air(ambient)—
Hexachlorobenzene;
substance concentration
micromole/metre³
M = 284.78 g/mol
Other term(s): HCB
Note(s): CAS 118-74-1
NPU16700
Air(amb)—Hexachlorobenzene; subst.c. = ? µmol/m³

Drinking water—
Hexachlorobenzene;
substance concentration
nanomole/litre
M = 284.78 g/mol
Other term(s): HCB
Note(s): CAS 118-74-1
NPU16701
Drinking water—Hexachlorobenzene; subst.c. = ? nmol/l

Air(ambient)—
Hexachlorobutadiene;
substance concentration
micromole/metre³
M = 260.76 g/mol
Other term(s): **1,1,2,3,4,4-Hexachlorobuta-1,3-diene**; HCBD; Hexachloro-1,3-butadiene; 1,3-Hexachlorobutadiene; Perchlorobutadiene
Note(s): CAS 87-68-3
NPU16702
Air(amb)—Hexachlorobutadiene; subst.c. = ? µmol/m³

Drinking water—
Hexachlorobutadiene;
substance concentration
nanomole/litre
M = 260.76 g/mol
Other term(s): **1,1,2,3,4,4-Hexachlorobuta-1,3-diene**; HCBD; Hexachloro-1,3-butadiene; 1,3-Hexachlorobutadiene; Perchlorobutadiene
Note(s): CAS 87-68-3
NPU16703
Drinking water—Hexachlorobutadiene; subst.c. = ? nmol/l

Air(ambient)—
Hexachlorocyclopentadiene;
substance concentration
micromole/metre³
M = 272.75 g/mol
Other term(s): **1,2,3,4,5,5-Hexachlorocyclopenta-1,3-diene**; HCCPD; Hexachloro-1,3-cyclopentadiene; 1,2,3,4,5,5-Hexachloro-1,3-cyclopentadiene; Perchlorocyclopentadiene
Note(s): CAS 77-47-4
NPU16704
Air(amb)—Hexachlorocyclopentadiene; subst.c. = ? µmol/m³

Drinking water—
Hexachlorocyclopentadiene;
substance concentration
nanomole/litre
M = 272.75 g/mol
Other term(s): **1,2,3,4,5,5-Hexachlorocyclopenta-1,3-diene**; HCCPD; Hexachloro-1,3-cyclopentadiene; 1,2,3,4,5,5-Hexachloro-1,3-cyclopentadiene; Perchlorocyclopentadiene
Note(s): CAS 77-47-4
NPU16705
Drinking water—Hexachlorocyclopentadiene; subst.c. = ? nmol/l

Air(ambient)—
***n*-**
Hexane;
substance concentration
millimole/metre³
M = 86.18 g/mol
Other term(s): **Hexane**; Hexyl hydride; Normalhexane
Note(s): CAS 110-54-3
NPU16706
Air(amb)—*n*-Hexane; subst.c. = ? mmol/m³

Drinking water—
***n*-**
Hexane;
substance concentration
nanomole/litre
M = 86.18 g/mol
Other term(s): **Hexane**; Hexyl hydride; Normalhexane
Note(s): CAS 110-54-3
NPU16707
Drinking water—*n*-Hexane; subst.c. = ? nmol/l

Air(ambient)—
Hydrazine;
substance concentration
micromole/metre³
M = 32.06 g/mol
Other term(s): **Diazane**; Diamine; Hydrazine base
Note(s): CAS 302-01-2
NPU16708
Air(amb)—Hydrazine; subst.c. = ? µmol/m³

Air(ambient)—
Hydrogen bromide
substance concentration
micromole/metre³
M = 80.92 g/mol
Note(s): CAS 10035-10-6
NPU16709
Air(amb)—Hydrogen bromide; subst.c. = ? µmol/m³

Air(ambient)—
Hydrogen chloride
substance concentration
micromole/metre³
M = 36.47 g/mol
Other term(s): Muriatic acid
Note(s): CAS 7647-01-0
NPU16710
Air(amb)—Hydrogen chloride; subst.c. = ? µmol/m³

Air(ambient)—
Hydrogen cyanide;
substance concentration
micromole/metre³
M = 27.03 g/mol
Other term(s): Formonitrile; Hydrocyanic acid; Prussic acid
Note(s): CAS 74-90-8
NPU16711
Air(amb)—Hydrogen cyanide; subst.c. = ? µmol/m³

Air(ambient)—
Hydrogen fluoride;
substance concentration
micromole/metre³
M = 20.01 g/mol
Note(s): CAS 7664-39-3
NPU16712
Air(amb)—Hydrogen fluoride; subst.c. = ? µmol/m³

Air(ambient)—
Hydrogen sulfide;
substance concentration
micromole/metre³
M = 34.08 g/mol
Other term(s): Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
Note(s): CAS 7783-06-4
NPU16713
Air(amb)—Hydrogen sulfide; subst.c. = ? µmol/m³

Drinking water—
Hydrogen sulfide;
substance concentration
micromole/litre
M = 34.08 g/mol
Other term(s): Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
Note(s): 7783-06-4
NPU16714
Drinking water—Hydrogen sulfide; subst.c. = ? µmol/l

Air(ambient)—
Hydroquinone;
substance concentration
micromole/metre³
M = 110.11 g/mol
Other term(s): **Benzene-1,4-diol**; *p*-Benzenediol; 1,4-Benzenediol; Dihydroxybenzene; 1,4-Dihydroxybenzene; Quinol
Note(s): CAS 123-31-9
NPU16715
Air(amb)—Hydroquinone; subst.c. = ? µmol/m³

Drinking water—
Hydroquinone;
substance concentration
nanomole/litre
M = 110.11 g/mol
Other term(s): **Benzene-1,4-diol**; *p*-Benzenediol; 1,4-Benzenediol; Dihydroxybenzene; 1,4-Dihydroxybenzene; Quinol
Note(s): CAS 123-31-9
NPU16716
Drinking water—Hydroquinone; subst.c. = ? nmol/l

Urine—
Iodine;
substance concentration
micromole/litre
A = 126.90 g/mol
Note(s): CAS 20461-54-5
NPU04884
U—Iodine; subst.c. ? µmol/l

Air(ambient)—
Iodine(total);
substance concentration
micromole/metre³
A = 126.90 g/mol
Note(s): CAS 7553-56-2
NPU16717
Air(amb)—Iodine(total); subst.c. = ? µmol/m³

Air(ambient)—
Iodine;
substance concentration
micromole/metre³
M = 253.81 g/mol
Note(s): CAS 7553-56-2
NPU16718
Air(amb)—Iodine(I_2); subst.c. = ? µmol/m³

Plasma—
Iron(III);
substance concentration
micromole/litre
A = 55.85 g/mol
Note(s) 1: CAS 7439-89-6 (element)
NPU16917
P—Iron(III); subst.c. = ? µmol/l

Urine—
Iron(III);
substance concentration
micromole/litre
A = 55.85 g/mol
Note(s) 1: CAS 7439-89-6 (element)
NPU16944
U—Iron(III); subst.c. ? µmol/l

Air(ambient)—
Ferric oxide+Ferrous oxide;
substance concentration
micromole/metre³
M(Iron(III) oxide) = 159.68 g/mol
Note(s): CAS 1309-37-1 (ferric oxide)
NPU16719
Air(amb)—Ferric oxide+Ferrous oxide; subst.c. = ? µmol/m³

Air(ambient)—
Iron pentacarbonyl;
substance concentration
micromole/metre³
M = 195.90 g/mol
Other term(s): **Pentacarbonyliron**
Note(s): CAS 13463-40-6
NPU16720
Air(amb)—Iron pentacarbonyl; subst.c. = ? µmol/m³

Air(ambient)—
Iron(II+III);
substance concentration(procedure)
micromole/metre³
A = 55.85 g/mol
Note(s): CAS 7439-89-6 (element)
NPU16721
Air(amb)—Iron(II+III); subst.c.(proc.) = ? µmol/m³

Drinking water—
Iron(II+III);
substance concentration (procedure)
micromole/litre
A = 55.85 g/mol
Note(s): CAS 7439-89-6 (element)
NPU16722
Drinking water—Iron(II+III); subst.c(proc.). = ? µmol/l

Drinking water—
Isobenzan;
substance concentration
micromole/litre
M = 411.75 g/mol
Other term(s): **1,3,4,5,6,7,8,8-Octachloro-1,3,3a,4,7,7a-hexahydro-4,7-methanoisobenzofuran**; 1,3,4,5,6,7,8,8- Octachloro-4,7-endomethylene-4,7,8,9-tetrahydrophthalan; Omtan; R-6700; SD-4402; Telodrin
Authority: ISO
Note(s): CAS 297-78-9
NPU16723
Drinking water—Isobenzan; subst.c. = ? µmol/l

Air(ambient)—
Isophorone;
substance concentration
micromole/metre³
M = 138.21 g/mol
Other term(s): **3,5,5-Trimethylcyclohex-2-en-1-one**; Isoacetophorone; 3,5,5-Trimethyl-2-cyclohexenone
Authority: INN
Note(s): CAS 78-59-1
NPU16724
Air(amb)—Isophorone; subst.c. = ? µmol/m³

Drinking water—
Isophorone;
substance concentration
micromole/litre
M = 138.21 g/mol
Other term(s): **3,5,5-Trimethylcyclohex-2-en-1-one**; Isoacetophorone; 3,5,5-Trimethyl-2-cyclohexenone
Authority: INN
Note(s): CAS 78-59-1
NPU16725
Drinking water—Isophorone;subst.c. = ? µmol/l

Blood—
Lead(II);
substance concentration
micromole/litre
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16918
B—Lead(II); subst.c. = ? µmol/l

Cells(Blood)—
Lead(II);
substance content
micromole/kilogram
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16919
Cells(B)—Lead(II); subst.cont. = ? µmol/kg

Plasma—
Lead(II);
substance concentration
micromole/litre
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16950
P—Lead(II); subst.c. = ? µmol/l

Urine—
Lead(II);
substance concentration
micromole/litre
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16920
U—Lead(II); subst.c. = ? µmol/l

Drinking water—
Lead(II);
substance concentration
nanomole/litre
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16726
Drinking water—Lead(II); subst.c. = ? nmol/l

Air(ambient)—
Lead(0+II+IV);
substance concentration
micromole/metre³
A = 207.20 g/mol
Note(s): CAS 7439-92-1 (element)
NPU16727
Air(amb)—Lead(0+II+IV); subst.c. = ? µmol/m³

Air(ambient)—
Lindane;
substance concentration
micromole/metre³
M = 290.85 g/mol
Other term(s): **1_,2_,3_,4_,5_,6_-Hexachlorocyclohexane**; BHC; HCH**;** γ-Hexachlorocyclohexane; γ isomer of 1,2,3,4,5,6-Hexachlorocyclohexane; Lindan; Lindane
Authority: ISO
Note(s): CAS 58-89-9
NPU16728
Air(amb)—Lindane; subst.c. = ? µmol/m³

Drinking water
Lindane;
substance concentration
nanomole/litre
M = 290.85 g/mol
Other term(s): **1_,2_,3_,4_,5_,6_-Hexachlorocyclohexane**; BHC; HCH**;** γ-Hexachlorocyclohexane; γ-isomer of 1,2,3,4,5,6-Hexachlorocyclohexane; Lindan; Lindane
Authority: ISO
Note(s): CAS 58-89-9
NPU16729
Drinking water—Lindane; subst.c. = ? nmol/l

Air(ambient)—
Lithium hydride;
substance concentration
micromole/metre³
M = 7.95 g/mol
Note(s): CAS 7580-67-8
NPU16730
Air(amb)—Lithium hydride; subst.cont. = ? µmol/m³

Plasma—
Lithium ion;
substance concentration
millimole/litre
A = 6.94 g/mol
Note(s): CAS 7459-93-2 (element)
NPU02613
P—Lithium ion; subst.c. = ? mmol/l

Urine—
Lithium ion;
substance concentration
millimole/litre
A = 6.94 g/mol
Note(s): CAS 7459-93-2 (element)
NPU04888
U—Lithium ion; subst.c. = ? mmol/l

Air(ambient)—
Magnesium carbonate;
substance concentration
micromole/metre³
M = 84.31 g/mol
Other term(s): **Magnesite**; Carbonic acid, magnesium salt
Note(s): CAS 546-93-0
NPU16731
Air(amb)— Magnesium carbonate; subst.c. = ? µmol/m³

Plasma—
Magnesium(II);
substance concentration
millimole/litre
A = 24.31 g/mol
Note(s): CAS 7439-95-4 (element)
NPU02647
P—Magnesium(II); subst.c. = ? mmol/l

Urine—
Magnesium(II);
substance concentration
millimole/litre
A = 24.31 g/mol
Note(s): CAS 7439-95-4 (element)
NPU02648
U—Magnesium(II); subst.c. = ? mmol/l

Drinking water—
Magnesium(II);
substance concentration
millimole/litre
A = 24.31 g/mol
Note(s): CAS 7439-95-4 (element)
NPU16732
Drinking water—Magnesium(II); subst.c. = ? mmol/l

Air(ambient)—
Magnesium oxide(fume);
substance concentration
micromole/metre³
M = 40.30 g/mol
Note(s): CAS 1309-48-4
NPU16733
Air(amb)—Magnesium oxide(fume); subst.c. = ? µmol/m³

Air(ambient)—
Malathion;
substance concentration
micromole/metre³
M = 330.36 g/mol
Other term(s): ***S*-1,2-bis(ethoxycarbonyl)ethyl-*O*,*O*-dimethyl phosphorodithioate**; Diethyl [(dimethoxyphosphinothioyl)thio]butanedioate
Authority: ISO
Note(s): CAS 121-75-5
NPU16734
Air(amb)—Malathion; subst.c. = ? µmol/m³

Drinking water—
Malathion;
substance concentration
nanomole/litre
M = 330.36 g/mol
Other term(s): ***S*-1,2-bis(ethoxycarbonyl)ethyl-*O*,*O*-dimethyl phosphorodithioate**; Diethyl[(dimethoxyphosphinothioyl)thio]butanedioate
Authority: ISO
Note(s): CAS 121-75-5
NPU16735
Drinking water—Malathion; subst.c. = ? nmol/l

Blood—
Manganese(II);
substance concentration
nanomole/litre
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16921
B—Manganese(II); subst.c. = ? nmol/l

Cells(Blood)—
Manganese(II);
substance content
nanomole/kilogram
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16951
Cells(B)—Manganese(II); subst.cont. = ? nmol/kg

Plasma—
Manganese(II);
substance concentration
nanomole/litre
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16922
P—Manganese(II); subst.c. = ? nmol/l

Urine—
Manganese(II);
substance concentration
nanomole/litre
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16923
U—Manganese(II); subst.c. = ? nmol/l

Air(ambient)—
Manganese((II, III, IV, V, VI and VII) dust and fume);
substance concentration
micromole/metre³
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16736
Air(amb)—Manganese((II, III, IV, V, VI and VII)dust and fume); subst.c. = ? µmol/m³

Drinking water—
Manganese(II+III+IV+V+VI+VII);
substance concentration
micromole/litre
A = 54.94 g/mol
Note(s): CAS 7439-96-5 (element)
NPU16737
Drinking water—Manganese(II+III+IV+V+VI+VII); subst.c. = ? µmol/l

Air(ambient)—
Mercury(0+I+II; inorganic);
substance concentration
micromole/metre³
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16738
Air(amb)—Mercury(0+I+II; inorganic); subst.c. = ? µmol/m³

Blood—
Mercury(0+II);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16924
B—Mercury(0+II); subst.c. = ? nmol/l

Cells(Blood)—
Mercury(0+II);
substance content
nanomole/kilogram
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16952
Cells(B)—Mercury(0+II); subst.cont. = ? nmol/kg

Hair—
Mercury(0+II);
substance content
microgram/kilogram
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16739
Hair—Mercury(0+II); subst.cont. = ? µg/kg

Plasma—
Mercury(0+II);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16925
P—Mercury(0+II); subst.c. = ? nmol/l

Urine—
Mercury(II);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16926
U—Mercury(II); subst.c. = ? nmol/l

Drinking water—
Mercury(I+II; inorganic);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16740
Drinking water—Mercury(I+II; inorganic); subst.c. = ? nmol/l

Air(ambient)—
Alkylmercury(II);
substance concentration
nanomole/metre³
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16741
Air(amb)—Allkylmercury(II); subst.c. = ? nmol/m³

Drinking water
Alkylmercury(II);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16742
Drinking water— Allkylmercury(II); subst.c. = ? nmol/l

Air(ambient)—
Arylmercury(II);
substance concentration
nanomole/metre³
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16743
Air(amb)— Arylmercury(II); subst.c. = ? nmol/m³

Drinking water
Arylmercury(II);
substance concentration
nanomole/litre
A = 200.59 g/mol
Note(s): CAS 7439-97-6 (element)
NPU16744
Drinking water— Arylmercury(II); subst.c. = ? nmol/l

Plasma—
Methadone;
substance concentration
micromole/litre
M = 309.45 g/mol
Other term(s): **6-(Dimethylamino)-4,4-diphenylheptan-3-one**; 1,1-Diphenyl-1-(2-dimethylaminopropyl)-2-butanone
Authority: INN
Note(s): CAS 76-99-3
NPU16745
P—Methadone; subst.c. = ? µmol/l

Urine—
Methadone;
arbitrary concentration(procedure)
M = 309.45 g/mol
Other term(s): **6-(Dimethylamino)-4,4-diphenylheptan-3-one**; 1,1-Diphenyl-1-(2-dimethylaminopropyl)-2-butanone
Authority: INN
Note(s): CAS 76-99-3
NPU16746
U—Methadone; arb.c.(proc.) = ?

Haemoglobin(Fe; Blood)—
Methaemoglobin;
substance fraction
M = about 64 500 g/mol (tetramer)
Other term(s): Ferrihaemoglobin; Haemiglobin; Met Hb
Note(s): CAS 9008-37-1
NPU02725
Hb(Fe; B)—Methaemoglobin(Fe); subst.fr. = ?

Air(ambient)—
Methanol;
substance concentration
millimole/metre³
M = 32.04 g/mol
Other term(s): Carbinol; Columbian spirits; Methyl alcohol; Pyroligneous spirit;Wood alcohol;Wood naphtha;Wood spirit
Note(s): CAS 67-56-1
NPU16748
Air(amb)—Methanol; subst.c. = ? mmol/m³

Blood—
Methanol;
substance concentration
millimole/litre
M = 32.04 g/mol
Other term(s): Carbinol; Columbian spirits; Methyl alcohol; Pyroligneous spirit;Wood alcohol;Wood naphtha;Wood spirit
Note(s): CAS 67-56-1
NPU16749
B—Methanol; subst.c. = ? mmol/l

Drinking water—
Methanol;
substance concentration
nanomole/litre
M = 32.04 g/mol
Other term(s): Carbinol; Columbian spirits; Methyl alcohol; Pyroligneous spirit;Wood alcohol;Woodnaphtha;Wood spirit
Note(s): CAS 67-56-1
NPU16750
Drinking water—Methanol; subst.c. = ? nmol/l

Air(ambient)—
Methomyl;
substance concentration
micromole/metre³
M = 162.21 g/mol
Other term(s): ***S*-Methyl (*EZ*)-*N*-[(methylcarbamoyloxy)thio]acetimidate**; Insecticide 1179; Lannate; Methyl*O*-(methylcarbamoyl)thiolacetohydroxamate; Nudrin
Authority: ISO
Note(s): CAS 16752-77-5
NPU16751
Air(amb)—Methomyl; subst.c. = ? µmol/m³

Drinking water—
Methomyl;
substance concentration
nanomole/litre
M = 162.21 g/mol
Other term(s): ***S*-Methyl (*EZ*)-*N*-[(methylcarbamoyloxy)thio]acetimidate**; Insecticide 1179; Lannate; Methyl-*O*-(methylcarbamoyl)thiolacetohydroxamate; Nudrin
Authority: ISO
Note(s): CAS 16752-77-5
NPU16752
Drinking water—Methomyl; subst.c. = ? nmol/l

Air(ambient)—
Methyl bromide;
substance concentration
micromole/metre³
M = 94.95 g/mol
Other term(s): **Bromomethane**; Monobromoethane
Note(s): CAS 74-83-9
NPU16753
Air(amb)—Methyl bromide; subst.c. = ? µmol/m³

Drinking water—
Methyl bromide;
substance concentration
nanomole/litre
M = 94.95 g/mol
Other term(s): **Bromomethane**; Monobromoethane
Note(s): CAS 74-83-9
NPU16754
Drinking water—Methyl bromide; subst.c. = ? nmol/l

Air(ambient)—
4-Methylpentan-2-one;
substance concentration
millimole/metre³
M = 100.16 g/mol
Other term(s): Methyl isobutyl ketone; 4-Methyl- 2-pentanone
Note(s): CAS 108-10-1
NPU16755
Air(amb)—4-Methylpentan-2-one; subst.c. = ? µmol/m³

Drinking water—
4-Methylpentan-2-one;
substance concentration
nanomole/litre
M = 100.16 g/mol
Other term(s): Methyl isobutyl ketone; 4-Methyl-2-pentanone
Note(s): CAS 108-10-1
NPU16756
Drinking water—4-Methylpentan-2-one; subst.c. = ? nmol/l

Air(ambient)—
Methylene chloride;
substance concentration
micromole/metre³
M = 84.93 g/mol
Other term(s): **Dichloromethane**; Methylene dichloride
Note(s): CAS 75-09-2
NPU16757
Air(amb)—Methylene chloride; subst.c. = ? µmol/m³

Urine—
3,4-Methylenedioxyamfetamine;
arbitrary concentration(procedure)
M = 179.22 g/mol
Other term(s): **1-Benzo[1,3]dioxol-5-ylpropan-2-amine**; MDA
Authority: INN
Note(s): CAS 4764-17-4
NPU04927
U—3,4-Methylenedioxyamfetamine; arb.c.(proc.) = ?

Urine—
3,4-Methylenedioxyethamfetamine;
arbitrary concentration(procedure)
M = 207.27 g/mol
Other term(s): **1-Benzo[1,3]dioxol-5-yl-*N*-ethylpropan-2-amine**; MDE; MDEA
Authority: INN
Note(s): CAS 14089-52-2
NPU08923
U—3,4-Methylenedioxyethylamfetamine; arb.c.(proc.) = ?

Urine—
3,4-Methylenedioxymethamfetamine;
arbitrary concentration(procedure)
M = 193.25 g/mol
Other term(s): **1-Benzo[1,3]dioxol-5-yl-*N*methyl-propan-2-amine**; MDMA; Ecstasy
Authority: INN
Note(s): CAS 42542-10-9
NPU04701
U—3,4-Methylenedioxymetamfetamine; arb.c. (proc.) = ?

Blood—
Methylmercury chloride;
substance concentration
nanomole/litre
M = 251.08 g/mol
Note(s): CAS 115-09-3
NPU16758
B—Methylmercury chloride; subst.c. = ? nmol/l

Cells(Blood)—
Methylmercury chloride;
substance content
nanomole/kilogram
M = 251.08 g/mol
Note(s): CAS 115-09-3
NPU16759
Cells(B)—Methylmercury chloride; subst.cont. = ? nmol/kg

Food(specification)—
Methylmercury chloride;
substance content
nanomole/kilogram
M = 251.08 g/mol
Note(s): CAS 115-09-3
NPU16760
Food(spec.)—Methylmercury chloride; subst.cont. = ? nmol/kg

Hair—
Methylmercury chloride;
substance content
nanomole/kilogram
M = 251.08 g/mol
Note(s): CAS 115-09-3
NPU16761
Hair—Methylmercury chloride; subst.cont. = ? nmol/kg

Plasma—
Methylmercury chloride;
substance concentration
nanomole/litre
M = 251.08 g/mol
Note(s): CAS 115-09-3
NPU16762
P—Methylmercury chloride; subst.c. = ? nmol/l

Air(ambient)—
2-Methylpropan-2-ol;
substance concentration
millimole/metre³
M = 74.12 g/mol
Other term(s): *tert*-Butyl alcohol; Trimethyl carbinol
Note(s): CAS 75-65-0
NPU16765
Air(amb)—2-Methylpropan-2-ol; subst.c. = ? mmol/m³

Drinking water—
2-Methylpropan-2-ol;
substance concentration
micromole/litre
M = 74.12 g/mol
Other term(s): *tert*-Butyl alcohol; Trimethyl carbinol
Note(s): CAS 75-65-0
NPU16766
Drinking water—2-Methylpropan-2-ol; subst.c. = ? µmol/l

Drinking water—
Mirex;
substance concentration
nanomole/litre
M = 545.59 g/mol
Other term(s):
Dodecachloropentacyclo[5.3.0.0$_{2,6}$.0$_{3,9}$.0$_{4,8}$]decane;
Perchloropentacyclo[5.3.0.0$_{2,6}$.0$_{3,9}$.0$_{4,8}$]decane; CG-1283; Dechlorane; ENT-025719; Hexachloropentadiene dimer
Authority: ISO
Note(s): CAS 2385-85-5
NPU16767
Drinking water—Mirex; subst.c. = ? nmol/l

Plasma—
Morphine;
substance concentration
micromole/litre
M(Morphine) = 285.34 g/mol
Other term(s): **4,5-Epoxy-17-methyl-7,8-didehydromorphinan-3,6-diol**; Dolcontin; Duromorph; Morphia; Morphina; Morphium; Nepenthe
Authority: INN
Note(s): CAS 57-27-2; Total: non-glucuronidated and glucuronidated
NPU09345
P—Morphine; subst.c. = ? µmol/l

Urine—
Morphine;
arbitrary concentration(procedure)
M(Morphine) = 285.34 g/mol
Other term(s): **4,5-Epoxy-17-methyl-7,8-didehydromorphinan-3,6-diol**; Dolcontin; Duromorph; Morphia; Morphina; Morphium; Nepenthe
Authority: INN
Note(s): CAS 57-27-2; Total: non-glucuronidated and glucuronidated
NPU08985
U—Morphine(tot.); arb.c.(proc.) = ?

Urine—
Morphine;
substance concentration
micromole/litre
M(Morphine) = 285.34 g/mol
Other term(s): **4,5-Epoxy-17-methyl-7,8-didehydromorphinan-3,6-diol**; Dolcontin; Duromorph; Morphia; Morphina; Morphium; Nepenthe
Authority: INN
Note(s): CAS 57-27-2; Total: non-glucuronidated and glucuronidated
NPU08986
U—Morphine; subst.c. = ? µmol/l

Urine—
Morphine+analogue(non-complexed);
arbitrary concentration(procedure)
Other term(s): Opiates
Authority: INN
Note(s): Analogue are Codeine; Diamorphine; Dihydrocodeine; Ethylmorphine; Hydrocodone; Hydromorphone; Levallorphan; Levorphanol; Nalorphine; Normorphine; Oxycodone
NPU08954
U—Morphine+analogue(non-complexed); arb.c.(proc.) = ?

Urine—
Morphine+analogue(non-complexed);
substance concentration
micromole/litre
Other term(s): Opiates
Authority: INN
Note(s): Analogue are Codeine; Diamorphine; Dihydrocodeine; Ethylmorphine; Hydrocodone; Hydromorphone; Levallorphan; Levorphanol; Nalorphine; Normorphine; Oxycodone
NPU08988
U—Morphine+analogue(non-complexed); subst.c. = ? µmol/l

Urine—
Morphine+analogue;
taxon(procedure)
Other term(s): Opiates
Authority: INN
Note(s): Analogue are Codeine; Diamorphine; Dihydrocodeine; Ethylmorphine; Hydrocodone; Hydromorphone; Levallorphan; Levorphanol; Nalorphine; Normorphine; Oxycodone
NPU08991
U—Morphine+analogue; taxon(proc.) = ?

Air(ambient)—
Morpholine;
substance concentration
micromole/metre³
M = 87.12 g/mol
Other term(s): Diethylenimide oxide; Diethylene imidoxide; Diethylene oximide; 1-Oxa-4-azacyclohexane; Tetrahydro-2*H*-1,4-oxazine;Tetrahydro-1,4-oxazine
Authority: INN
Note(s): CAS 110-91-8
NPU16768
Air(amb)—Morpholine; subst.c. = ? µmol/m³

Drinking water—
Morpholine;
substance concentration
nanomole/litre
M = 87.12 g/mol
Other term(s): Diethylenimide oxide; Diethylene imidoxide; Diethylene oximide; 1-Oxa-4-azacyclohexane; Tetrahydro-2*H*-1,4-oxazine; Tetrahydro-1,4-oxazine
Authority: INN
Note(s): CAS 110-91-8
NPU16769
Drinking water—Morpholine; subst.c. = ? nmol/l

Plasma—
Nickel(II);
substance concentration
nanomole/litre
A = 58.69 g/mol
Note(s): CAS 7440-02-0 (element)
NPU16927
P—Nickel(II); subst.c. = ? nmol/l

Urine—
Nickel(II);
substance concentration
nanomole/litre
A = 58.69 g/mol
Note(s): CAS 7440-02-0 (element)
NPU16928
U—Nickel(II); subst.c. = ? nmol/l

Air(ambient)—
Nickel(0+II+III; Dust+Fume);
substance concentration
micromole/metre³
A = 58.69 g/mol
Note(s): CAS 7440-02-0 (element)
NPU16770
Air(amb)—Nickel(0+II+III; Dust+Fume); subst.c. = ? µmol/m³

Drinking water—
Nickel(II+III);
substance concentration
micromole/litre
A = 58.69 g/mol
Note(s): CAS 7440-02-0 (element)
NPU16771
Drinking water—Nickel(II+III); subst.c. = ? µmol/l

Air(ambient)—
Tetracarbonylnickel;
substance concentration
nanomole/metre³
M = 170.74 g/mol
Other term(s): Nickel carbonyl
Note(s): CAS 13463-39-3
NPU16772
Air(amb)—Tetracarbonylnickel; subst.c. = ? nmol/m³

Air(ambient)—
Nicotine;
substance concentration
micromole/metre³
M = 162.23 g/mol
Other term(s): **(*S*)-3-(1-methylpyrrolidin-2-yl)pyridine**; Habitrol; Nicabate; Nicoderm; Nicolan; Nicopatch; Nicotell TTS; Nicotinell; Tabazur
Authority: INN
Note(s): CAS 54-11-5
NPU16773
Air(amb)—Nicotine; subst.c. = ? µmol/m³

Urine—
Nicotine;
arbitrary concentration(procedure)
M = 162.23 g/mol
Other term(s): **(*S*)-3-(1-methylpyrrolidin-2-yl)pyridine**; Habitrol; Nicabate; Nicoderm; Nicolan; Nicopatch; Nicotell TTS; Nicotinell; Tabazur
Authority: INN
Note(s): CAS 54-11-5
NPU04540
U—Nicotine; arb.c.(proc.) = ?

Drinking water—
Nicotine;
substance concentration
nanomole/litre
M = 162.23 g/mol
Other term(s): **(*S*)-3-(1-methylpyrrolidin-2-yl)pyridine**; Habitrol; Nicabate; Nicoderm; Nicolan; Nicopatch; Nicotell TTS; Nicotinell; Tabazur
Authority: INN
Note(s): CAS 54-11-5
NPU16774
Drinking water—Nicotine; subst.c. = ? nmol/l

Drinking water—
Nitrate;
substance concentration
micromole/litre
M = 62.01 g/mol
Note(s): CAS 7697-37-2 (nitric acid)
NPU16775
Drinking water—Nitrate; subst.c. = ? µmol/l

Air(ambient)—
Nitric oxide;
substance concentration
millimole/metre³
M = 30.01 g/mol
Other term(s): **Mononitrogen monoxide**; **Nitrogen monoxide**
Note(s): CAS 10102-43-9
NPU16776
Air(amb)—Nitric oxide; subst.c. = ? mmol/m³

Drinking water—
Nitrite;
substance concentration
micromole/litre
M = 45.01 g/mol
Note(s): CAS 7782-77-6 (nitrous acid)
NPU16777
Drinking water—Nitrite; subst.c. = ? µmol/l

Air(ambient)—
Nitrogen dioxide;
substance concentration
micromole/metre³
M = 46.01 g/mol
Other term(s): Dinitrogen tetroxide; Nitrogen peroxide
Note(s): CAS 10102-44-0
NPU16778
Air(amb)—Nitrogen dioxide; subst.c. = ? µmol/m³

Air(ambient)—
1-
Nitropropane;
substance concentration
millimole/metre³
M = 89.09 g/mol
Other term(s): Nitropropane; 1-NP
Note(s): CAS 108-03-2
NPU16779
Air(amb)—1-Nitropropane; subst.c. = ? mmol/m³

Drinking water—
1-
Nitropropane;
substance concentration
nanomole/litre
M = 89.09 g/mol
Other term(s): Nitropropane; 1-NP
Note(s): CAS 108-03-2
NPU16780
Drinking water—1-Nitropropane; subst.c. = ? nmol/l

Air(ambient)—
2-
Nitropropane;
substance concentration
millimole/metre³
M = 89.09 g/mol
Other term(s): Dimethylnitromethane; *iso*-Nitropropane; 2-NP
Note(s): CAS 79-46-9
NPU16781
Air(amb)—2-Nitropropane; subst.c. = ? mmol/m³

Drinking water—
2-
Nitropropane;
substance concentration
nanomole/litre
M = 89.09 g/mol
Other term(s): Dimethylnitromethane; *iso*-Nitropropane; 2-NP
Note(s): CAS 79-46-9
NPU16782
Drinking water—2-Nitropropane; subst.c. = ? nmol/l

Air(ambient)—
Nitrous oxide;
substance concentration
millimole/metre³
M = 44.01 g/mol
Other term(s): **Dinitrogen oxide**; **Dinitrogen monoxide**; Hyponitrous acid anhydride; Laughing gas
Note(s): CAS 10024-97-2
NPU16783
Air(amb)—Nitrous oxide; subst.c. = ? mmol/m³

Air(ambient)—
Oxalate;
substance concentration
micromole/metre³
M(oxalic acid) = 88.04 g/mol
Other term(s): Ethanedioate
Note(s): CAS 144-62-7 (oxalic acid)
NPU16784
Air(amb)—Oxalate; subst.c. = ? µmol/m³

Plasma—
Oxalate;
substance concentration
nanomole/litre
M(oxalic acid) = 88.04 g/mol
Other term(s): Ethanedioate
Note(s): CAS 144-62-7 (oxalic acid); Molar mass for oxalic acid
NPU16785
P—Oxalate; subst.c. = ? nmol/l

Urine—
Oxalate;
substance concentration
nanomole/litre
M(oxalic acid) = 88.04 g/mol
Other term(s): Ethanedioate
Note(s): CAS 144-62-7 (oxalic acid)
NPU16786
U—Oxalate; subst.c. = ? nmol/l

Drinking water
Oxalate;
substance concentration
nanomole/litre
M(oxalic acid) = 88.04 g/mol
Other term(s): Ethanedioate
Note(s): CAS 144-62-7 (oxalic acid)
NPU16787
Drinking water—Oxalate; subst.c. = ? nmol/l

Air(ambient)—
Ozone;
substance concentration
micromole/metre³
M = 48.00 g/mol
Other term(s): **Trioxygen**; Triatomic oxygen
Note(s): CAS 10028-15-6
NPU16788
Air(amb)—Ozone; subst.c. = ? µmol/m³

Plasma—
Paracetamol;
substance concentration
millimole/litre
M = 151.17 g/mol
Other term(s): ***N*-(4-Hydroxyphenyl)acetamide**; Abensanil; Acamol; Acetalgin; *p*-Acetamidophenol; Acetaminophen; *p*-Acetaminophenol; *N*-Acetyl-aminophenol; *p*-Acetylaminphenol; Alpiny; Amadil; Anaflon; Anhiba; Apamide; APAP; Ben-u-ron; Bickie-mol; Calpol; Captin; Cetadol; Claratal; Dafalgan; Datril; Dirox; Disprol; Doliprane; Dolprone; Dymadon; Enelfa; Eneril; Eu-med; Exdol; Febrilex; Finimal; Gelocatil; Hedex; Homoolan; *p*-Hydroxyacetanilide; Korum; Momentum; Naprinol; Nobedon; Ortensan; Pacemol; Paldesic; Panadol; Panaleve; Panasorb; Panets; Panex; Panodil; Paraspen; Parelan; Parmol; Tralgon; Tylenol; Valadol
Authority: INN
Note(s): CAS 103-90-2
NPU16789
P—Paracetamol; subst.c. = mmol/l

Urine—
Paraquat;
arbitrary concentration (procedure)
M = 186.00 g/mol
Other term(s): **1,1'-Dimethyl-4,4'-bipyridinium dichloride**; *N*,*N*'-Dimethyl-4,4'-bipyridinium dichloride; Methylviologen dichloride hydrate; Paraquat chloride; Paraquat dichloride
Authority: ISO
Note(s): CAS 1910-42-5
NPU16790
U—Paraquat; arb.c.(proc.) = ?

Air(ambient)—
Paraquat;
substance concentration
micromole/metre³
M = 186.00 g/mol
Other term(s): **1,1'-Dimethyl-4,4'-bipyridinium dichloride**; *N*,*N*'-Dimethyl-4,4'-bipyridinium dichloride; Methylviologen dichloride hydrate; Paraquat chloride; Paraquat dichloride
Authority: ISO
Note(s): CAS 1910-42-5
NPU16791
Air(amb)—Paraquat; subst.c. = ? µmol/m³

Drinking water—
Paraquat;
substance concentration
nanomole/litre
M = 186.00 g/mol
Other term(s): **1,1'-Dimethyl-4,4'-bipyridinium dichloride**; *N*,*N*'-Dimethyl-4,4'-bipyridinium dichloride; Methylviologen dichloride hydrate; Paraquat chloride; Paraquat dichloride
Authority: ISO
Note(s): CAS 1910-42-5
NPU16792
Drinking water—Paraquat; subst.c. = ? nmol/l

Air(ambient)—
Parathion;
substance concentration
micromole/metre³
M = 291.27 g/mol
Other term(s): ***O*,*O*-Diethyl *O*-(4-nitrophenyl) phosphorothioate**; Diethyl parathion; Ethyl parathion; Parathion-ethyl
Authority: ISO
Note(s): CAS 56-38-2
NPU16793
Air(amb)—Parathion; subst.c. = ? µmol/m³

Drinking water—
Parathion;
substance concentration
nanomole/litre
M = 291.27 g/mol
Other term(s): ***O*,*O*-Diethyl *O*-(4-nitrophenyl) phosphorothioate**; Diethyl parathion; Ethyl parathion; Parathion-ethyl
Authority: ISO
Note(s): CAS 56-38-2
NPU16794
Drinking water—Parathion; subst.c. = ? nmol/l

Air(ambient)—
Methylparathion;
substance concentration
micromole/metre³
M = 263.23 g/mol
Other term(s): ***O*,*O*-Dimethyl *O*-(4-nitrophenyl) phosphorothioate**; Azophos; Parathion-methyl
Authority: ISO
Note(s): CAS 298-00-0
NPU16763
Air(amb)—Methylparathion; subst.c. = ? µmol/m³

Drinking water—
Methylparathion;
substance concentration
nanomole/litre
M = 263.23 g/mol
Other term(s): ***O*,*O*-Dimethyl *O*-(4-nitrophenyl) phosphorothioate**; Azophos; Parathion-methyl
Authority: ISO
Note(s): CAS 298-00-0
NPU16764
Drinking water—Methylparathion; subst.c. = ? nmol/l

Air(ambient)—
Particulate matter(aerodynamic. diameter < 10 µm; specification)
mass concentration(procedure)
milligram/metre³
Other term(s): “Inert” dust; Nuisance dust; PM10; PNOR
Authority: ACGIH
NPU16795
Air(amb)—Particulate matter(aerodyn. diam. < 10 µm; spec.); mass c.(proc.) = ? mg/m³

Air(ambient)—
Particulate matter(aerodynamic diameter< 2.5 µm; specification)
mass concentration(procedure)
milligram/metre³
Other term(s): “Inert” dust; Nuisance dust; PM2.5; PNOR
Authority: ACGIH
NPU16796
Air(amb)—Particulate matter(aerodyn. diam.< 2.5 µm; spec.); mass c.(proc.) = ? mg/m³

Air(ambient)—
Particulate matter(aerodynamic diameter < 0.1 µm; specification)
mass concentration(procedure)
milligram/metre³
Other term(s): Ultrafine dust
Authority: ACGIH
NPU16797
Air(amb)—Particulate matter(aerodyn. diam. < 0.1 µm; spec.); mass c.(proc.) = ? mg/m³

Air(ambient)—
Pentachlorophenol;
substance concentration
micromole/metre³
M = 266.34 g/mol
Other term(s): PCP; Penta; 2,3,4,5,6-Pentachlorophenol
Note(s): CAS 87-86-5
NPU16798
Air(amb)—Pentachlorophenol; subst.c. = ? µmol/m³

Drinking water—
Pentachlorophenol;
substance concentration
nanomole/litre
M = 266.34 g/mol
Other term(s): PCP; Penta; 2,3,4,5,6-Pentachlorophenol
Note(s): CAS 87-86-5
NPU16799
Drinking water—Pentachlorophenol; subst.c. = ? nmol/l

Drinking water—
Permethrin;
substance concentration
nanomole/litre
M = 391,29 g/mol
Other term(s): **3-Phenoxybenzyl(1*RS*,3*RS*;1*RS*,3*SR*)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate**; 3-Phenoxybenzyl (1*RS*)-cis-trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; Ambush; Corsair; Dragnet; Ectiban; Eksmin; FMC-33297; NIA-33297; Nix; NRDC-143; Pounce; PP-557;Pulvex; Pynosect; Ridect Pour-on ; S-3151; SBP-1513
Authority: ISO
Note(s): CAS 52645-53-1
NPU16800
Drinking water—Permethrin; subst.c. = ? nmol/l

Air(ambient)—
Phenol;
substance concentration
micromole/metre³
M = 94.11 g/mol
Other term(s): Benzenol; Carbolic acid; Hydroxybenzene; Monohydroxybenzene; Phenic acid; Phenyl alcohol; Phenyl hydroxide; phenylic acid
Note(s): CAS 108-95-2
NPU16801
Air(amb)—Phenol; subst.c. = ? µmol/m³

Drinking water—
Phenol;
substance concentration
nanomole/litre
M = 94.11 g/mol
Other term(s): Benzenol; Carbolic acid; Hydroxybenzene; Monohydroxybenzene; Phenic acid; Phenyl alcohol; Phenyl hydroxide; Phenylic acid
Note(s): CAS 108-95-2
NPU16802
Drinking water—Phenol; subst.c. = ? nmol/l

Urine—
Phenothiazines;
arbitrary concentration(procedure)
M(Phenothiazine) = 199.28 g/mol
Other term(s): Forrest reactive compounds
Authority: INN
Note(s): CAS 92-84-2 (phenothiazine); Examples are Fluphenazin; Levomepromazin; Perazin; Perphenazin; Thioridazin
NPU16803
U—Phenothiazines; arb.c.(proc.) = ?

Urine—
Phenylmercapturic acid;
substance concentration
nanomole/litre
M = 239.30 g/mol
Other term(s): ***N*-Acetyl-*S*-phenyl-L-cysteine**; 2-Acetamido-3-(phenylsulfanyl)propanoic acid; 2-Acetamido-3-phenylthiopropanoic acid
Note(s): CAS 4775-80-8
NPU16804
U—Phenylmercapturic acid; subst.c. = ? nmol/l

Air(ambient)—
Phosgene;
substance concentration
micromole/metre³
M = 98.92 g/mol
Other term(s): **Carbonyl dichloride**; Carbon chloride oxide; Carbon oxychloride; Carbonic acid dichloride; Carbonic dichloride; Carbonodichloridic acid; Carbonyl chloride; Chloroformyl chloride; Dichloroformaldehyde, Green Cross; GC
Note(s): CAS 75-44-5
NPU16805
Air(amb)—Phosgene; subst.c. = ? µmol/m³

Air(ambient)—
Phosphane;
substance concentration
micromole/metre³
M = 34.00 g/mol
Other term(s): Hydrogen phosphide; Phosphine; Phosphorated hydrogen; Phosphorus hydride; Phosphorus trihydride; Trihydridophosphorus
Note(s): CAS 7803-51-2
NPU16806
Air(amb)—Phosphane; subst.c. = ? µmol/m³

Drinking water—
Phosphane;
substance concentration
micromole/litre
M = 34.00 g/mol
Other term(s): Hydrogen phosphide; Phosphine; Phosphorated hydrogen; Phosphorus hydride; Phosphorus trihydride; Trihydridophosphorus
Note(s): CAS 7803-51-2
NPU16807
Drinking water—Phosphane; subst.c. = ? µmol/l

Air(ambient)—
Polychlorinated biphenyls;
substance concentration
nanomole/metre³
M = 291.38–360.86 g/mol
Other term(s): Aroclor; Chlorinated biphenyls; Chlorobiphenyls; Clophen; Fenclor; Kanechlor; PCBs; Pyralene
Note(s): CAS 1336-36-3; Molecular mass range for possible molecules
NPU16808
Air(amb)—Polychlorinated biphenyls; subst.c. = ? nmol/m³

Food(specification)—
Polychlorinated biphenyls;
substance content
nanomole/kg
M(interval) = 291.38–360.86 g/mol
Other term(s): Aroclor; Chlorinated biphenyls; Chlorobiphenyls; Clophen; Fenclor; Kanechlor; PCBs; Pyralene
Note(s): CAS 1336-36-3; Molecular mass range for possible molecules
NPU16809
Food(spec.)—Polychlorinated biphenyls; subst.cont. = ? nmol/kg

Drinking water—
Polychlorinated biphenyls;
substance concentration
nanomole/litre
M(interval) = 291.38–360.86 g/mol
Other term(s): Aroclor; Chlorinated biphenyls; Chlorobiphenyls; Clophen; Fenclor; Kanechlor; PCBs; Pyralene
Note(s): CAS 1336-36-3; Molecular mass range for possible molecules
NPU16810
Drinking water—Polychlorinated biphenyls; subst.c. = ? nmol/l

Air(ambient)—
1-
Propanol;
substance concentration
millimole/metre³
M = 60.09 g/mol
Other term(s): Ethyl carbinol; *n*-Propanol; *n*-Propyl alcohol; Propyl alcohol
Note(s): CAS 71-23-8
NPU16811
Air(amb)—1-Propanol; subst.c. = ? mmol/m³

Drinking water—
1-
Propanol;
substance concentration
nanomole/litre
M = 60.09 g/mol
Other term(s): Ethyl carbinol; *n*-Propanol; *n*-Propyl alcohol; Propyl alcohol
Note(s): CAS 71-23-8
NPU16812
Drinking water—1-Propanol; subst.c. = ? nmol/l

Air(ambient)—
2-
Propanol;
substance concentration
millimole/metre³
M = 60.09 g/mol
Other term(s): Dimethyl carbinol; IPA; Isopropanol; Isopropyl alcohol; *sec*-Propyl alcohol; Rubbing alcohol
Note(s): CAS 67-63-0
NPU16813
Air(amb)—2-Propanol; subst.c. = ? mmol/m³

Drinking water—
2-
Propanol;
substance concentration
nanomole/litre
M = 60.09 g/mol
Other term(s): Dimethyl carbinol; IPA; Isopropanol; Isopropyl alcohol; *sec*-Propyl alcohol; Rubbing alcohol
Note(s): CAS 67-63-0
NPU16814
Drinking water—2-Propanol; subst.c. = ? nmol/l

Plasma—
Propoxyphene;
substance concentration
millimole/litre
M = 339.48 g/mol
Other term(s): **(+)-(2*S*,3*R*)-4-(Dimethylamino)-3-methyl-1,2-diphenylbutan-2-yl propionate hydrochloride**; Dextropropoxyphene;a-*d*-Propoxyphene
Authority: INN
Note(s): CAS 469-62-5
NPU16616
P—Propoxyphene; subst.c. = ? mmol/l

Urine—
Propoxyphene;
substance concentration
millimole/litre
M = 339.48 g/mol
Other term(s): **(+)-(2*S*,3*R*)-4-(Dimethylamino)-3-methyl-1,2-diphenylbutan-2-yl propionate hydrochloride**; Dextropropoxyphene; a-*d*-Propoxyphene
Authority: INN
Note(s): CAS 469-62-5
NPU16617
U—Propoxyphene; subst.c. = ? mmol/l

Air(ambient)—
Propylene oxide;
substance concentration
millimole/metre³
M = 58.08 g/mol
Other term(s): **2-Methyloxirane**; Methyl ethylene oxide; Methyloxirane; Propene oxide; 1,2-Propylene oxide
Note(s): CAS 75-56-9
NPU16815
Air(amb)—Propylene oxide; subst.c. = ? mmol/m³

Drinking water—
Propylene oxide;
substance concentration
nanomole/litre
M = 58.08 g/mol
Other term(s): **2-Methyloxirane**; ethylene oxide; Methyloxirane; Propene oxide; 1,2-Propylene oxide
Note(s): CAS 75-56-9
NPU16816
Drinking water—Propylene oxide; subst.c. = ? nmol/l

Plasma—
Salicylate;
substance concentration
millimole/litre
M(salicylic acid) = 137.12 g/mol
Other term(s): **2-Hydroxybenzoate**; Keralyt; Occlusal; Verrugon
Authority: INN
Note(s): CAS 69-72-7 (salicylic acid)
NPU16817
P—Salicylate; subst.c. = ? mmol/l

Air(ambient)—
Sarin;
substance concentration
picomole/metre³
M = 140.09 g/mol
Other term(s): **Isopropyl methylphosphonofluoridate**; Isopropoxymethylphosphoryl fluoride; GB;Methylphosphonofluoridic acid 1-methylethyl ester
Note(s): CAS 107-44-8
NPU16818
Air(amb)—Sarin; subst.c. = ? pmol/m³

Food(specification)—
Saxitoxin;
substance content
nanomole/kilogram
Other term(s): **(3a*S*,4*R*,10a*S*)-2,6-diamino-4-[(carbamoyloxy)methyl]-3a,4,8,9-tetrahydro-1*H*,10*H*-pyrrolo[1,2-*c*]purine-10,10-diol**; (3a*S*,4*R*,10a*S*)-2,6-diamino-4-[[(aminocarbonyl)oxy]methyl]- 3a,4,8,9-tetrahydro-1*H*,10*H*-pyrrolo[1,2-c]purine-10,10-diol; Clam poison; Gonyaulax toxin; Mussel poison; Paralytic shellfish poison; PSP; STX
M = 299.30 g/mol
Note(s): CAS 35523-89-8
NPU16819
Food(spec.)—Saxitoxin; subst.cont. = ? nmol/kg

Air(ambient)—
Selenium(IV+VI);
substance concentration
nanomole/metre³
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16820
Air(amb)—Selenium(IV+VI); subst.c. = ? nmol/m³

Blood—
Selenium(IV+VI);
substance concentration
micromole/litre
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16943
B—Selenium(IV+VI); subst.c. = ? µmol/l

Cells(Blood)—
Selenium(IV+VI);
substance content
micromole/kilogram
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16929
Cells(B)—Selenium(IV+VI); subst.cont. = ? µmol/kg

Hair—
Selenium(IV+VI);
substance content
micromole/kilogram
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16953
Hair—Selenium(IV+VI); subst.cont. = ? µmol/kg

Plasma—
Selenium(IV+VI);
substance concentration
micromole/litre
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16945
P—Selenium(IV+VI); subst.c. = ? µmol/l

Urine—
Selenium(IV+VI);
substance concentration
micromole/litre
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16930
U—Selenium(IV+VI); subst.c. = ? µmol/l

Drinking water—
Selenium(IV+VI);
substance concentration
nanomole/litre
A = 78.96 g/mol
Note(s): CAS 7782-49-2 (element)
NPU16821
Drinking water—Selenium(IV+VI); subst.c. = ? nmol/l

Air(ambient)—
Silicon dioxide;
mass concentration(procedure)
microgram/metre³
Other term(s): Cristobalite; Quartz; Tridymite; Tripoli
Authority: ACGIH
Note(s): CAS 14464-46-1; 14808-60-7; 15468-32-3; 1317-95-9
NPU16822
Air(amb)— Silicon dioxide; mass c.(proc.) = ? µg/m³

Air(ambient)—
Silver(0+I+II);
substance concentration
nanomole/metre³
A = 107.87 g/mol
Note(s) 1: CAS 7440-22-4 (element)
NPU16823
Air(amb)—Silver(0+I+II); subst.c. = ? nmol/m³

Blood—
Silver(I+II);
substance concentration
nanomole/litre
A = 107.87 g/mol
Note(s) 1: CAS 7440-22-4 (element)
NPU16941
B—Silver(I+II); subst.c. = ? nmol/l

Plasma—
Silver(I+II);
substance concentration
nanomole/litre
A = 107.87 g/mol
Note(s) 1: CAS 7440-22-4 (element)
NPU16931
P—Silver(I+II); subst.c. = ? nmol/l

Urine—
Silver(I+II);
substance concentration
nanomole/litre
A = 107.87 g/mol
Note(s) 1: CAS 7440-22-4 (element)
NPU16942
U—Silver(I+II); subst.c. = ? nmol/l

Drinking water—
Silver(I+II);
substance concentration
nanomole/litre
A =107.87 g/mol
Note(s) 1: CAS 7440-22-4 (element)
NPU16824
Drinking water—Silver(I+II); subst.c. = ? nmol/l

Cells(Blood)—
Strontium(II);
substance content
nanomole/kilogram
A = 87.62 g/mol
Note(s): CAS 7440-24-6 (element)
NPU16954
Cells(B)—Strontium(II); subst.cont. = ? nmol/kg

Plasma—
Strontium(II);
substance concentration
nanomole/litre
A = 87.62 g/mol
Note(s): CAS 7440-24-6 (element)
NPU16932
P—Strontium(II); subst.c. = ? nmol/l

Air(ambient)—
Strychnine;
substance concentration
nanomole/metre³
M = 334.42 g/mol
Other term(s): **Strychnidin-10-one**
Authority: INN
Note(s): CAS 57-24-9
NPU16827
Air(amb)—Strychnine; subst.c. = ? nmol/m³

Urine—
Strychnine;
arbitrary concentration(procedure)
M = 334.42 g/mol
Other term(s): **Strychnidin-10-one**
Authority: INN
Note(s): CAS 57-24-9
NPU04642
U—Strychnine; arb.c.(proc.) = ?

Urine—
Strychnine;
substance concentration
micromole/litre
M = 334.42 g/mol
Other term(s): **Strychnidin-10-one**
Authority: INN
Note(s): CAS 57-24-9
NPU03497
U—Strychnine; subst.c. = ? µmol/l

Drinking water—
Strychnine;
substance concentration
nanomole/litre
M = 334.42 g/mol
Other term(s): **Strychnidin-10-one**
Authority: INN
Note(s): CAS 57-24-9
NPU16828
Drinking water—Strychnine; subst.c. = ? nmol/l

Air(ambient)—
Styrene;
substance concentration
micromole/metre³
M = 104.15 g/mol
Other term(s): **Ethenylbenzene;** Cinnamene; Cinnamol; Phenylethylene; Styrene monomer;Styrol; Styrolene; Vinylbenzene
Note(s): CAS 100-42-5
NPU16829
Air(amb)—Styrene; subst.c. = ? µmol/m³

Drinking water—
Styrene;
substance concentration
nanomole/litre
M = 104.15 g/mol
Other term(s): **Ethenylbenzene**; Cinnamene; Cinnamol; Phenylethylene; Styrene monomer; Styrol; Styrolene; Vinylbenzene
Note(s): CAS 100-42-5
NPU16830
Drinking water—Styrene; subst.c. = ? nmol/l

Air(ambient)—
Sulfur dioxide;
substance concentration
micromole/metre³
M = 64.07 g/mol
Note(s): CAS 7446-09-6
NPU16831
Air(amb)—Sulfur dioxide; subst.c. = ? µmol/m³

Air(ambient)—
Tecnazene;
substance concentration
nanomole/metre³
M = 260.88 g/mol
Other term(s): **1,2,4,5-Tetrachloro-3-nitrobenzene**; TCNB
Authority: ISO
Note(s): CAS 117-18-0
NPU16832
Air(amb)—Tecnazene; subst.c. = ? nmol/m³

Drinking water—
Tecnazene;
substance concentration
nanomole/litre
M = 260.88 g/mol
Other term(s): **1,2,4,5-Tetrachloro-3-nitrobenzene**; TCNB
Authority: ISO
Note(s): CAS 117-18-0
NPU16833
Drinking water—Tecnazene; subst.c. = ? nmol/l

Air(ambient)—
2,3,7,8-
Tetrachlorodibenzo(b,e)(1,4)dioxin;
substance concentration
nanomole/metre³
M = 321.97 g/mol
Other term(s): **2,3,7,8-Tetrachlorooxanthrene**; 2,3,7,8-Tetrachlorodibenzo[*b,e*][1,4]dioxine; Dioxin; Dioxine; TCBD; TCDBD; TCDD; 2,3,7,8-TCDD; 2,3,6,7-Tetrachlorodibenzodioxin
Note(s): CAS 1746-01-6
NPU16834
Air(amb)—2,3,7,8-Tetrachlorodibenzo(b,e)(1,4)dioxin; subst.c. = ? nmol/m³

Food(specification)—
2,3,7,8-
Tetrachlorodibenzo(b,e)(1,4)dioxin;
substance content
micromole/kilogram
M = 321.97 g/mol
Other term(s): **2,3,7,8-Tetrachlorooxanthrene**; 2,3,7,8-Tetrachlorodibenzo[*b,e*][1,4]dioxine; Dioxin; Dioxine; TCBD; TCDBD; TCDD; 2,3,7,8-TCDD; 2,3,6,7-Tetrachlorodibenzodioxin
Note(s): CAS 1746-01-6
NPU16835
Food(spec.)—2,3,7,8-Tetrachlorodibenzo(b,e)(1,4)dioxin; subst.cont. = ? µmol/kg

Drinking water—
2,3,7,8-
Tetrachlorodibenzo(b,e)(1,4)dioxin;
substance concentration
nanomole/litre
M = 321.97 g/mol
Other term(s): **2,3,7,8-Tetrachlorooxanthrene**; 2,3,7,8-Tetrachlorodibenzo[*b,e*][1,4]dioxine; Dioxin; Dioxine; TCBD; TCDBD; TCDD; 2,3,7,8-TCDD; 2,3,6,7-Tetrachlorodibenzodioxin
Note(s): CAS 1746-01-6
NPU16836
Drinking water—2,3,7,8-Tetrachlorodibenzo(b,e)(1,4)dioxin; subst.c. = ? nmol/l

Air(ambient)—
1,1,2,2-
Tetrachloroethylene;
substance concentration
millimole/metre³
M = 165.83 g/mol
Other term(s): **Tetrachloroethene**; Perchlorethylene; Perchloroethylene; Perk; Tetrachlorethylene
Note(s): CAS 127-18-4
NPU16837
Air(amb)—Tetrachloroethylene; subst.c. = ? mmol/m³

Drinking water—
1,1,2,2-
Tetrachloroethylene;
substance concentration
nanomole/litre
M = 165.83 g/mol
Other term(s): **Tetrachloroethene**; Perchlorethylene; Perchloroethylene; Perk; Tetrachlorethylene
Note(s): CAS 127-18-4
NPU16838
Drinking water—Tetrachloroethylene; subst.c. = ? nmol/l

Air(ambient)—
Tetraethyl lead;
substance concentration
nanomole/metre³
M = 323.45 g/mol
Other term(s): **Tetraethylplumbane**; Lead tetraethyl; TEL
Note(s): CAS 78-00-2
NPU16839
Air(amb)—Tetraethyl lead; subst.c. = ? nmol/m³

Drinking water—
Tetraethyl lead;
substance concentration
nanomole/litre
M = 323.45 g/mol
Other term(s): **Tetraethylplumbane**; Lead tetraethyl; TEL
Note(s): CAS 78-00-2
NPU16840
Drinking water—Tetraethyl lead; subst.c. = ? nmol/l

Urine—
Δ_6-Tetrahydrocannabinol;
arbitrary concentration(procedure)
M = 314.47 g/mol
Authority: INN
Note(s): CAS 5957-75-5; Minor (mass fraction less than 0.01) active constituent in Marihuana (Hashish)
NPU09000
U—Δ_6-Tetrahydrocannabinol; arb.c.(proc.) = ?

Urine—
Δ_9-Tetrahydrocannabinol;
arbitrary concentration(procedure)
M = 314.47 g/mol
Other term(s): Delta-1-tetrahydrocannabinol; Dronabinol
Authority: INN
Note(s): CAS 1972-08-3; Major active constituent in Marihuana (Hashish)
NPU08997
U— Δ_9-Tetrahydrocannabinol; arb.c.(proc.) = ?

Urine—
Δ_9-Tetrahydrocannabinol;
substance concentration
nanomole/litre
M = 314.47 g/mol
Other term(s): Delta-1-Tetrahydrocannabinol; Dronabinol; Δ -9-Tetrahydrocannabinol
Authority: INN
Note(s): CAS 1972-08-3; Major active constituent in Marihuana (Hashish)
NPU08998
U— Δ_9-Tetrahydrocannabinol; subst.c. = ? nmol/l

Food(specification)—
Tetrodotoxin;
substance content
micromole/kilogram
M = 319.27 g/mol
Other term(s): [4R-(4a,4a*a*,5a,7a,9a,10a,10aa,11*S**,12*S**)]-Octahydro-12-(hydroxymethyl)-2-imino-5,9:7,10adimethano-10a*H*-[1,3]dioxocino[6,5-*d*]pyrimidine-4,7,10,11,12-pentol; Fugu poison; Maculotoxin; Spheroidine; Tarichatoxin; Tetrodontoxin; TTX
Note(s): CAS 4368-28-9
NPU16841
Food(spec.)—Tetrodotoxin; subst.cont. = ? µmol/kg

Air(ambient)—
Thallium(0+I+III);
substance concentration
nanomole/metre³
A = 204.38 g/mol
Note(s): CAS 7440-28-0 (element)
NPU16889
Air(amb)—Thallium(0+I+III); subst.c. = ? nmol/m³

Blood—
Thallium(I+III);
substance concentration
nanomole/litre
A = 204.38 g/mol
Note(s): CAS 7440-28-0 (element)
NPU16933
B—Thallium(I+III); subst.c. = ? nmol/l

Hair—
Thallium(I+III);
substance content
micromole/kilogram
A = 204.38 g/mol
Note(s): CAS 7440-28-0 (element)
NPU16842
Hair—Thallium(I+III); subst.cont. = ? mmol/kg

Urine—
Thallium(I+III);
substance concentration
nanomole/litre
A = 204.38 g/mol
Note(s): CAS 7440-28-0 (element)
NPU16934
U—Thallium(I+III); subst.c. = ? nmol/l

Air(ambient)—
Tin(II+IV);
substance concentration
nanomole/metre³
A = 118.71 g/mol
Note(s): CAS 7440-31-5 (element)
NPU16843
Air(amb)—Tin(II+IV); subst.c. = ? nmol/m³

Plasma—
Tin(II+IV);
substance concentration
nanomole/litre
A = 118.71 g/mol
Note(s): CAS 7440-31-5 (element)
NPU16935
P—Tin(II+IV); subst.c. = ? nmol/l

Air(ambient)—
Toluene;
substance concentration
millimole/metre³
M = 92.14 g/mol
Other term(s): Methylbenzene; Methylbenzol; Phenylmethane; Toluol
Note(s): CAS 108-88-3
NPU16844
Air(amb)—Toluene; subst.c. = ? mmol/m³

Drinking water—
Toluene;
substance concentration
nanomole/litre
M = 92.14 g/mol
Other term(s): Methylbenzene; Methylbenzol; Phenylmethane; Toluol
Note(s): CAS 108-88-3
NPU16845
Drinking water—Toluene; subst.c. = ? nmol/l

Air(ambient)—
Toluene 2,4-diisocyanate;
substance concentration
micromole/metre³
M = 174.16 g/mol
Other term(s): **4-Methylbenzene-1,3-diyldiisocyanate**; 4-Methyl-1,3-phenylenediisocyanate; 2,4-Diisocyanatotoluene; 2,4-Diisocyanato-1-methyl-benzene; TDI; 2,4-TDI;2,4-Toluene diisocyanate
Note(s): CAS 584-84-9
NPU16846
Air(amb)—Toluene 2,4-diisocyanate; subst.c. = ? µmol/m³

Drinking water—
Toluene 2,4-diisocyanate;
substance concentration
nanomole/litre
M = 174.16 g/mol
Other term(s): **4-Methylbenzene-1,3-diyldiisocyanate**; 4-Methyl-1,3-phenylenediisocyanate; 2,4-Diisocyanatotoluene; 2,4-Diisocyanato-1-methyl-benzene; TDI; 2,4-TDI; 2,4-Toluene diisocyanate
Note(s): CAS 584-84-9
NPU16847
Drinking water—Toluene 2,4-diisocyanate; subst.c. = ? nmol/l

Air(ambient)—
Toluene 2,6-diisocyanate;
substance concentration
micromole/metre³
M = 174.16 g/mol
Other term(s): **2-Methylbenzene-1,3-diyl diisocyanate**; 2-Methyl-1,3-phenylenediisocyanate; 2,6-Diisocyanatotoluene; 2,6-Diisocyanato-1-methyl-benzene; TDI; 2,6-TDI; 2,6-Toluene diisocyanate
Note(s): CAS 91-08-7
NPU16848
Air(amb)—Toluene 2,6-diisocyanate; subst.c. = ? µmol/m³

Drinking water—
Toluene 2,6-diisocyanate;
substance concentration
nanomole/litre
M = 174.16 g/mol
Other term(s): **2-Methylbenzene-1,3-diyldiisocyanate**; 2-Methyl-1,3-phenylenediisocyanate; 2,6-Diisocyanatotoluene; 2,6-Diisocyanato-1-methyl-benzene; TDI; 2,6-TDI; 2,6-Toluene diisocyanate
Note(s): CAS 91-08-7
NPU16849
Drinking water—Toluene 2,6-diisocyanate; subst.c. = ? nmol/l

Air(ambient)—
Tributyl phosphate;
substance concentration
micromole/metre³
M = 266.32 g/mol
Other term(s): Butyl phosphate; TBP; Tri-*n*-butyl phosphate
Note(s): CAS 126-73-8
NPU16850
Air(amb)—Tributyl phosphate; subst.c. = ? µmol/m³

Drinking water—
Tributyl phosphate;
substance concentration
nanomole/litre
M = 266.32 g/mol
Other term(s): Butyl phosphate; TBP; Tri-*n*-butyl phosphate
Note(s): CAS 126-73-8
NPU16851
Drinking water—Tributyl phosphate; subst.c. = ? nmol/l

Air(ambient)—
Tributyltin oxide;
substance concentration
nanomole/metre³
M = 595.62 g/mol
Other term(s): **Bis(tributyltin) oxide**; Biomet TBTO; Butinox; Hexabutyldistannoxane; OTBE; TBTO
Note(s): CAS 56-35-9
NPU16852
Air(amb)—Tributyltin oxide; subst.c. = ? nmol/m³

Water(environmental)—
Tributyltin oxide;
substance concentration
picomole/litre
M = 595.62 g/mol
Other term(s): **Bis(tributyltin) oxide**; Biomet TBTO; Butinox; Hexabutyldistannoxane; OTBE; TBTO
Note(s): CAS 56-35-9
NPU16853
Water(environmental)—Tributyltin oxide; subst.c. = ? pmol/l

Air(ambient)—
Trichlorfon;
substance concentration
nanomole/metre³
M = 257.85 g/mol
Other name(s): **Dimethyl (*RS*)-2,2,2-trichloro-1-hydroxyethylphosphonate**; Bayer L 1359; Cekufon; Chlorofos; Combot; Danex; Dipterex; Dylox; Metrifonate; Neguvon; Proxol; (2,2,2-Trichloro-1-hydroxyethyl)-phosphonic acid dimethyl ester; Trichlorphene; Tugon
Authority: ISO
Note(s): CAS 52-68-6
NPU16854
Air(amb)—Trichlorfon; subst.c. = ? nmol/m³

Drinking water—
Trichlorfon;
substance concentration
nanomole/litre
M = 257.85 g/mol
Other name(s): **Dimethyl (*RS*)-2,2,2-trichloro-1-hydroxyethylphosphonate**; Bayer L 1359; Cekufon; Chlorofos; Combot; Danex; Dipterex; Dylox; Metrifonate; Neguvon; Proxol; (2,2,2-Trichloro-1-hydroxyethyl)-phosphonic acid dimethyl ester; Trichlorphene; Tugon
Authority: ISO
Note(s): CAS 52-68-6
NPU16855
Drinking water—Trichlorfon; subst.c. = ? nmol/l

Air(ambient)—
1,1,2-Trichloroethane;
substance concentration
nanomole/metre³
M = 133.42 g/mol
Other term(s): Ethane trichloride; β Trichloroethane; Vinyl trichloride
Note(s): CAS 79-00-5
NPU16856
Air(amb)—1,1,2-Trichloroethane; subst.c. = ? nmol/m³

Drinking water—
1,1,2-Trichloroethane;
substance concentration
nanomole/litre
M = 133.42 g/mol
Other term(s): Ethane trichloride; β-Trichloroethane; Vinyl trichloride
Note(s): CAS 79-00-5
NPU16857
Drinking water—1,1,2-Trichloroethane; subst.c. = ? nmol/l

Air(ambient)—
Trichloroethylene;
substance concentration
micromole/metre³
M = 131.39 g/mol
Other term(s): **1,1,2-Trichloroethene**; Ethylene trichloride; TCE; Trilene
Note(s): CAS 79-01-6
NPU16858
Air(amb)—Trichloroethylene; subst.c. = ? µmol/m³

Drinking water—
Trichloroethylene;
substance concentration
nanomole/litre
M = 131.39 g/mol
Other term(s): **1,1,2-Trichloroethene**; Ethylene trichloride; TCE; Trilene
Note(s): CAS 79-01-6
NPU16859
Drinking water—Trichloroethylene; subst.c. = ? nmol/l

Air(ambient)—
Tri-*ortho*-cresyl phosphate;
substance concentration
nanomole/metre³
M = 368.37 g/mol
Other term(s): **Tris(2-methylphenyl) phosphate**; TCP; TOCP; Tri-*o*-cresyl ester of phosphoric acid; Tri-*o*-cresyl phosphate
Note(s): CAS 78-30-3
NPU16860
Air(amb)—Tri-*ortho*-cresyl phosphate; subst.c. = ? nmol/m³

Drinking water—
Tri-*ortho*-cresyl phosphate;
substance concentration
picomole/litre
M = 368.37 g/mol
Other term(s): **Tris(2-methylphenyl) phosphate**; TCP; TOCP; Tri-*o*-cresyl ester of phosphoric acid; Tri-*o*-cresyl phosphate
Note(s): CAS 78-30-3
NPU16861
Drinking water—Tri-*ortho*-cresyl phosphate; subst.c. = ? pmol/l

Air(ambient)—
Triphenyl phosphate;
substance concentration
micromole/metre³
M = 326.28 g/mol
Other term(s): Phenyl phosphate; TPP
Note(s): CAS 115-86-6
NPU16862
Air(amb)—Triphenyl phosphate; subst.c. = ? µmol/m³

Drinking water—
Triphenyl phosphate;
substance concentration
nanomole/litre
M = 326.28 g/mol
Other term(s): Phenyl phosphate; TPP
Note(s): CAS 115-86-6
NPU16863
Drinking water—Triphenylphosphate; subst.c. = ? nmol/l

Air(ambient)—
Tris(2,3-dibromopropyl) phosphate;
substance concentration
nanomole/metre³
M = 697.85 g/mol
Other term(s): Apex 462-5; Firemaster LV-T 23P; Firemaster T 23P; Flammex AP; Flammex T 23P; Fyrol HB 32; Phosphoric acidtris(2,3-dibromopropyl) ester; T 23P; Tris-BP;Tris(2,3-dibromopropyl) phosphate
Note(s): CAS 126-72-7
NPU16864
Air(amb)—Tris (2,3-dibromo-1-propyl) phosphate; subst.c. = ? nmol/m³

Drinking water—
Tris(2,3-dibromopropyl) phosphate;
substance concentration
picomole/litre
M = 697.85 g/mol
Other term(s): Apex 462-5; Firemaster LV-T 23P; Firemaster T 23P; Flammex AP; Flammex T 23P; Fyrol HB 32; Phosphoric acidtris(2,3-dibromopropyl) ester; T 23P; Tris-BP; Tris(2,3-dibromopropyl) phosphate
Note(s): CAS 126-72-7
NPU16865
Drinking water—Tris (2,3-dibromo-1-propyl)phosphate; subst.c. = ? pmol/l

Air(ambient)—
Uranium(0+III+IV+V+VI);
substance concentration
nanomole/metre³
A = 238.03 g/mol
Note(s): CAS 7440-61-1 (element)
NPU16866
Air(amb)—Uranium(0+III+IV+V+VI); subst.c. = ? nmol/m³

Blood—
Uranium(IV+VI);
substance concentration
picomole/litre
A = 238.03 g/mol
Note(s): CAS 7440-61-1 (element)
NPU16936
B—Uranium(IV+VI); subst.c. = ? pmol/l

Urine—
Uranium(IV+VI);
substance concentration
picomole/litre
A = 238.03 g/mol
Note(s): CAS 7440-61-1 (element)
NPU16937
U—Uranium(IV+VI); subst.c. = ? pmol/l

Air(ambient)—
Chloroethene;
substance concentration
micromole/metre³
M = 62.50 g/mol
Other term(s): Chloroethylene; Ethylene monochloride; Monochloroethene; Monochloroethylene; VC; VCM
Note(s): CAS 75-01-4
NPU16867
Air(amb)— Chloroethene; subst.c. = ? µmol/m³

Drinking water—
Chloroethene;
substance concentration
nanomole/litre
M = 62.50 g/mol
Other term(s): **Chloroethene**; Chloroethylene; Ethylene monochloride; Monochloroethene; Monochloroethylene; VC; VCM
Note(s): CAS 75-01-4
NPU16868
Drinking water— Chloroethene; subst.c. = ? nmol/l

Air(ambient)—
1,1-
Dichloroethene;
substance concentration
micromole/metre³
M = 96.94 g/mol
Other term(s): 1,1-DCE; 1,1-Dichloroethylene; VDC; Vinylidene chloride monomer; Vinylidene dichloride
Note(s): CAS 75-35-4
NPU16869
Air(amb)— Dichloroethene; subst.c. = ? µmol/m³

Air(exhaled)—
Dichloroethene;
substance concentration
micromole/metre³
M = 96.94 g/mol
Other term(s): 1,1-DCE; 1,1-Dichloroethylene; VDC; Vinylidene chloride monomer; Vinylidene dichloride
Note(s): CAS 75-35-4
NPU16870
Air(exh)—Dichloroethene; subst.c. = ? µmol/m³

Drinking water—
Dichloroethene;
substance concentration
nanomole/litre
M = 96.94 g/mol
Other term(s): 1,1-DCE; 1,1-Dichloroethylene; VDC; Vinylidene chloride monomer; Vinylidene dichloride
Note(s): CAS 75-35-4
NPU16871
Drinking water—Dichloroethene; subst.c. = ? nmol/l

Plasma—
Warfarin;
substance concentration
micromole/litre
M = 308.33 g/mol
Other term(s): **(*RS*)-2-Hydroxy-3-(3-oxo-1- phenylbutyl)-4*H*-chromen-4-one**; (*RS*)-3-(α-Acetonylbenzyl)-4-hydroxycoumarin; (*RS*)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin; 4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2*H*-1- benzopyran-2-one;WARF
Authority: INN
Note(s): CAS 81-81-2
NPU16872
P—Warfarin; subst.c.= ? µmol/l

Air(ambient)—
Warfarin;
substance concentration
nanomole/metre³
M = 308.33 g/mol
Other term(s): **(*RS*)-2-Hydroxy-3-(3-oxo-1-phenylbutyl)-4*H*-chromen-4-one**; (*RS*)-3-(α -Acetonylbenzyl)-4-hydroxycoumarin; (*RS*)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin; 4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2*H*-1-benzopyran-2-one;WARF
Authority: INN
Note(s): CAS 81-81-2
NPU16873
Air(amb)—Warfarin; subst.c.= ? nmol/m³

Drinking water—
Warfarin;
substance concentration
nanomole/litre
M = 308.33 g/mol
Other term(s): **(*RS*)-2-Hydroxy-3-(3-oxo-1-phenylbutyl)-*4H-chromen*-4-one**; (*RS*)-3-(α-Acetonylbenzyl)-4-hydroxycoumarin; (*RS*)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin; 4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2*H*-1- benzopyran-2-one;WARF
Authority: INN
Note(s): CAS 81-81-2
NPU16888
Drinking water—Warfarin; subst.c.= ? nmol/l

Air(ambient)—
Welding fume;
mass concentration(procedure)
milligram/metre³
Authority: ACGIH
NPU16874
Air(amb)—Welding fume; mass c.(proc.) = ?
mg/m³

Air(ambient)—
White spirit(specification);
mass concentration(procedure)
milligram/metre³
Other term(s): Dry Cleaning Safety Solvent; Mineral spirits; Petroleum solvent; Spotting naphtha; Stoddard solvent
Note(s): CAS 8052-41-3; White spirit is a mixture of saturated aliphatic and alicyclic C7–C12 hydrocarbons with a mass fraction of 15–20 % of aromatic C7–C12 hydrocarbons and a boiling interval of 130–230 °C; the C9–C11 hydrocarbons(aliphatics, alicyclics and aromatics) are most abundant, constituting a mass fraction of > 0,80 of the total
NPU16875
Air(amb)—White spirit(spec.); massc.(proc.) = ? mg/m³

Blood—
White spirit(specification);
mass concentration(procedure)
microgram/litre
Other term(s): Dry Cleaning Safety Solvent; Mineral spirits; Petroleum solvent; Spotting naphtha; Stoddard solvent
Note(s): CAS 8052-41-3; White spirit is a mixture of saturated aliphatic and alicyclic C7–C12 hydrocarbons with a mass fraction of 15–20 % of aromatic C7–C12 hydrocarbons and a boiling interval of 130–230 °C; the C9–C11 hydrocarbons (aliphatics, alicyclics and aromatics) are most abundant, constituting a mass fraction of > 0,80 of the total
NPU16876
Blood—White spirit(spec.); mass c.(proc.) = ? µg/l

Air(ambient)—
Wood dust(specification);
mass concentration(procedure)
milligram/metre³
Authority: ACGIH
NPU16877
Air(amb)—Wood dust(spec.); mass c.(proc.) = ? mg/m³

Air(ambient)—
1,2-
Dimethylbenzene;
substance concentration
millimole/metre³
M = 106.17 g/mol
Other term(s): *ortho*-Xylene; *o*-Xylol
Note(s): CAS 95-47-6
NPU16878
Air(amb)—1,2-Dimethylbenzene; subst.c. = ? mmol/m³

Drinking water—
1,2-
Dimethylbenzene;
substance concentration
micromole/litre
M = 106.17 g/mol
Other term(s): *ortho*-Xylene; *o*-Xylol
Note(s): CAS 95-47-6
NPU16879
Drinking water—1,2-Dimethylbenzene; subst.c. = ? µmol/l

Air(ambient)—
1,3-
Dimethylbenzene;
substance concentration
millimole/metre³
M = 106.17 g/mol
Other term(s): *meta*-Xylene; *m*-Xylol
Note(s): CAS 108-38-3
NPU16880
Air(amb)—1,3-Dimethylbenzene; subst.c. = ? mmol/m³

Drinking water—
1,3-
Dimethylbenzene;
substance concentration
micromole/litre
M = 106.17 g/mol
Other term(s): *meta*-Xylene; *m*-Xylol
Note(s): CAS 108-38-3
NPU16881
Drinking water—1,3-Dimethylbenzene; subst.c. = ? µmol/l

Air(ambient)—
1,4-
Dimethylbenzene;
substance concentration
millimole/metre³
M = 106.17 g/mol
Other term(s): *para*-Xylene; *p*-Xylol
Note(s): CAS 106-42-3
NPU16882
Air(amb)—1,4-Dimethylbenzene; subst.c. = ? mmol/m³

Drinking water—
1,4-
Dimethylbenzene;
substance concentration
micromole/litre
M = 106.17 g/mol
Other term(s): *para*-Xylene; *p*-Xylol
Note(s): CAS 106-42-3
NPU16883
Drinking water—1,4-Dimethylbenzene; subst.c. = ? µ/l

Cells(Blood)—
Zinc(II);
substance content
micromole/kilogram
A = 65.38 g/mol
Note(s): CAS 7440-66-6 (element)
NPU16938
Cells(B)—Zinc(II); subst.cont. = ? µmol/kg

Hair—
Zinc(II);
substance content
millimole/kilogram
A = 65.38 g/mol
Note(s): CAS 7440-66-6 (element)
NPU16957
Hair—Zinc(II); subst.cont. = ? mmol/kg

Plasma—
Zinc(II);
substance concentration
micromole/litre
A = 65.38 g/mol
Note(s): CAS 7440-66-6 (element)
NPU16939
P—Zinc(II); subst.c. = ? µmol/l

Seminal plasma—
Zinc(II);
substance concentration
micromole/litre
A = 65.38 g/mol
Note(s): CAS 7440-66-6 (element)
NPU16940
Seminal plasma—Zinc(II); subst.c. = ? µmol/l

Drinking water—
Zinc(II);
substance concentration
micromole/litre
A = 65.38 g/mol
Note(s): CAS 7440-66-6 (element)
NPU16884
Drinking water—Zinc(II); subst.c. = ? µmol/l

Air(ambient)—
Zinc oxide;
substance concentration
micromole/metre³
M = 81.38 g/mol
Note(s): CAS 1314-13-2
NPU16885
Air(amb)—Zinc oxide; subst.c. = ? µmol/m³