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BIOMEDICAL APPLICATIONS

## Transmission of the results of tests for International Olympic Committee-defined drugs of abuse<sup>1</sup>

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### Abstract

The hardware and software facilities for electronic storage, transfer and handling of data is such that multipurpose databases can be made accessible without geographic restriction at low cost. The versatile and flexible underlying structures allow for ease of access and retrieval of data and gives presentation formats fully comparable to printed counterparts. Because of the apparent ease of use and because of the wider distribution of the information, misinterpretation is more likely to occur than in oral or written presentation for more restricted and more culturally homogeneous audiences. This necessitates some degree of harmonisation/standardisation of data on transfer, while allowing local expression forms at sender and receiver ends (Fig. 1). This document is part of an ongoing international effort to agree on some sort of "standardisation" of the transmission and presentation of "laboratory results". It centers on the domain of drugs of abuse as defined by the International Olympic Committee.

**Keywords:** Drugs of abuse

### 1. Introduction

In the clinical laboratory sciences, much effort has been paid to the presentation of the outcome from analytical efforts.

The recommendations of the International Federation of Clinical Chemistry (IFCC) and the International Union of Pure and Applied Chemistry (IUPAC) published since 1965 have recently been compiled, harmonised and updated in the "Compendium of terminology and nomenclature of properties in clinical laboratory sciences" ("The Silver Book") [1]. Although comprehensive and detailed, each

domain in the clinical laboratory sciences has particular requirements necessitating extensions to the general rules. For this reason, an attempt is made to codify the description of the properties observed or measured in the different domains by allocation of a code-value to each property and to define it by a code-value string representing a series of defined concepts. On decoding of the string in a particular language a standard systematic name is obtained in that language defining the property without distortion.

In the laboratory sciences, no less than four of the five systems of writing bridging linguistic barriers apply ([2]; Fig. 2).

To these may be added a series of terms in Latin in no need of translation, although in need of transcription. This greatly facilitates the collection of

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<sup>1</sup>This is an abstract from a recommendation in preparation for IFCC/C-LDA and IFCC-IUPAC/C-NPU.

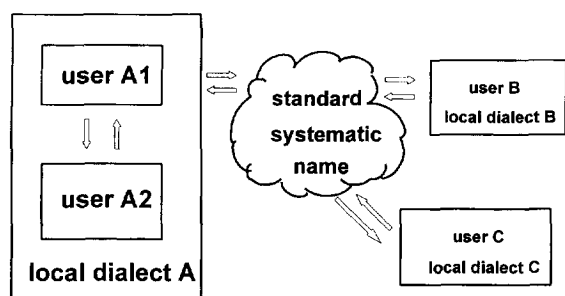


Fig. 1.

code-values for the “atomic” terms used in the strings. The ones collected are primarily from established coding systems, eg., Chemical Abstract Service Registry Number (CAS code-values).

So far strings for about 5000 properties in the clinical laboratory sciences have been established by use of about 2000 terms.

These follow the rules given in Ref. [3] and are from the domains listed in Table 1.

The size and complexity of part III and IV is such that they will be presented in electronic format on the Internet. This is for ease of handling and to facilitate expression of concepts in different languages.

The overall aim is access by electronic media (Internet) to: “Compendium of terminology and nomenclature of properties in clinical laboratory sciences” [1]; “Glossary of terms in quantities and units in clinical chemistry” [4] and “Properties and units in the clinical laboratory sciences”.

In drugs of abuse as defined by the International Olympic Committee (IOC), some 325 entries are at hand presently. However, this list is not exhaustive

### Systems of writing

#### Bridging linguistic barriers

1. Symbols for chemical elements (IUPAC)
2. Mathematical signs and symbols (ISO)
3. Symbols for quantities (ISO)
4. International system of units (SI)
5. Notes for music

Fig. 2.

Table 1

Properties and units in the clinical laboratory sciences

I	Syntax and semantic rules
II	Kinds-of-property
III	Terms and code values
IV	Properties and code values
V	Properties and units in Thrombosis and Haemostasis
VI	Properties and units in Drugs of Abuse
VII	Properties and units in Inborn Errors of Metabolism
VIII	Properties and units in Microbiology
IX	Properties and units in Trace elements
X	Properties and units in General Clinical Chemistry
XI	Coding systems – Structure and guidelines

in that “related substances” for practical reasons are incomplete.

## 2. Standard systematic names

### 2.1. Report

A report from a laboratory may be presented as:

Property = Result

The general rules for the left side of this equation are in the European Prestandard ENV 1614:1995 [5] and the right side in the European Prestandard ENV xxxxx:1996 [6].

From the ENVs is obtained:

System (specification)–Component (specification);

kind-of-property (specification) = ? × unit

An example of application is the property:

Urine–Caffeine;

substance concentration = ? micromole/litre

or for a particular property abbreviated:

U–Caffeine;

subst.c. = 75 μmol/l [of person NN at time xx]

This is no different from the presentation in other domains.

## 2.2. Special formats

Most drugs are changed by the organism and are excreted as a series of metabolites. Reporting on metabolites detected, however, is of limited help to the non-specialist recipient. For this reason, reporting is on the parent compound with an indication of metabolites used in the deduction.

Furthermore, because of the plethora of compounds in biological fluids and the low concentration of the metabolites, analysis is usually by two procedures, a screening procedure and a more focused confirmation procedure. This is analogous to detection of AIDS virus (HIV) and some other vira in microbiology.

The requirements for accreditation and good laboratory practice of the IOC Medical Commission are explicit on methods of measurement to be used. Also the substances included in the list of doping classes are revised on a regular basis.

An example report, referring to patient NN at time xx, would be:

U–Acebutolol; arb.c.(IOC 95 Screen; 0 1) = 0

or

U–Acebutolol; arb.c.(IOC 95 Confirm; 0 1) = 0

Non-negative findings need indication of metabolites detected, so the format would be:

U–Acebutolol; arb.c.(IOC 95 Confirm; 0 1) = 1

*deduced from* {“systematic name or CAS code – value for metabolite(s)”}

Generally, screening is for a group of compounds. The format may then simply indicate the generic name of the group:

U– $\beta_2$ -Blocking substance; presence(IOC 95 Screen)  
= {“systematic names or CAS code  
– values of compounds present”}

or, more correctly, list the compounds screened for:

U– $\beta$ -Blocking substance; arb.c.(list; IOC 95 Screen)

U–Acebutolol; arb.c.(IOC 95 Screen; 0 1)=1

U–Alprenolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Atenolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Betaxolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Bevantolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Bisoprolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Bupranolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Bunitrolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Bunolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Carteolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Labetalol; arb.c.(IOC 95 Screen; 0 1)=0

U–Mepindolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Metoprolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Nadolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Nifenalol; arb.c.(IOC 95 Screen; 0 1)=0

U–Oxprenolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Penbutolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Pindolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Practolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Propranolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Sotalol; arb.c.(IOC 95 Screen; 0 1)=0

U–Tertatolol; arb.c.(IOC 95 Screen; 0 1)=0

U–Timolol; arb.c.(IOC 95 Screen; 0 1)=0

For non-negative samples, confirmation is as above:

U–Acebutolol; arb.c.(IOC 95 Confirm; 0 1) = 1

*deduced from*

M1

M2

## 2.3. Quantitative results

For only a few substances, analysis is for a substance concentration. Those are caffeine, ephedrine, testosterone, epitestosterone and choriogonadotropin.

## 3. Example

U–Caffeine; subst.c.(IOC 95 Screen;  
( < 60  $\geq$  60)  $\mu\text{mol/l}$ )  $\geq$  60  $\mu\text{mol/l}$

and

U–Caffeine; subst.c.(IOC 95 Confirm)  
= 75  $\mu\text{mol/l}$

In abuse of anabolic steroids, the ratio between testosterone and epitestosterone is applied because the two are endogenous substances that change in concentration on exogenous intake of anabolic steroid.

### 3.1. Example

U–Testosterone/Epitestosterone;  
 substance ratio(IOC 95)  
 = 12.5 [of person NN at time x]

and

U–Testosterone/Epitestosterone;  
 substance ratio increment(IOC 95;  
 [of person NN from time x to time y])  
 = – 8.3

## 4. Discussion

The code-values for properties and their code-value strings are for harmonising with other clinical laboratory domains by applying IFCC–IUPAC and ENV recommendations and conventions.

The list presented is in particular for harmonising between IOC accredited laboratories, thus facilitating communication between these laboratories.

Also, it should assist in the collation of data in databases and knowledge bases and facilitate improvement of procedures, e.g., in delineating the metabolites that are the more reliable in confirmation tests.

The code-values for properties are for communication and storage of data. The standard systematic names are the intensional definition of the concepts embedded in the code-values.

It is not intended to be used to standardise the language used by individual clinicians or laboratory practitioners.

## 5. Index of abbreviations

BAN British Approved Name

CAS	Chemical Abstract Service Registry Number
ENV	European Prestandard (Europäische Vor-norm)
IFCC	International Federation of Clinical Chemistry
IOC	International Olympic Committee
INN	International Nonproprietary Names of the WHO. An asterisk signifies that an objection has been raised to the proposed name in at least one member state.
ISO	International Standards Organization
IUPAC	International Union of Pure and Applied Chemistry
USP90	The United States Pharmacopeia, 1990
WHO	World Health Organization

## 6. List of drugs of abuse

[NPU01002]

Urine–

Acebutolol;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Acebutolol;arb.c.(IOC 95 Confirm; 0 1)=?

*M* = 336.43 g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS37517-30-9

[NPU01001]

Urine–

Acebutolol;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Acebutolol;arb.c.(IOC 95 Screen; 0 1)=?

*M* = 336.43 g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS37517-30-9

[NPU01008]

Urine–

Acetazolamide;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Acetazolamide;arb.c.(IOC 95 Confirm; 0 1)=?

*M* = 222.25 g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS59-66-5

[NPU01007]

Urine–

Acetazolamide;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Acetazolamide;arb.c.(IOC 95 Screen; 0 1)=?

*M* = 222.25 g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS59-66-5

[NPU04832]

Urine–

β<sub>2</sub>-

Agonist;

arbitrary concentration(list; IOC 95 Screen)

- U- $\beta_2$ -Agonist;arb.c.(list; IOC 95 Screen)  
 [NPU4441] U-Clenbuterol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4885] U-Fenoterol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4537] U-Salbutamol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4879] U-Salmeterol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4875] U-Terbutaline;arb.c.(IOC 95 Screen; 0 1)=?  
 Authority: IOC; IFCC/C-LDA
- [npu04833]  
 Urine-  
 $\beta_2$ -  
 Agonist;  
 presence(IOC 95 Screen)  
 U- $\beta_2$ -Agonist;presence(IOC 95 Screen)  
 Authority: IOC; IFCC/C-LDA
- [NPU01149]  
 Urine-  
 Alphaprodine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Alphaprodine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=261.35$  g/mol  
 Not recommended term(s): Alfaprodine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-20-3
- [NPU01148]  
 Urine-  
 Alphaprodine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Alphaprodine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=261.35$  g/mol  
 Not recommended term(s): Alfaprodine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-20-3
- [NPU01153]  
 Urine-  
 Alprenolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Alprenolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=249.34$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS13655-52-2
- [NPU01152]  
 Urine-  
 Alprenolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Alprenolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=249.34$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS13655-52-2
- [NPU01160]  
 Urine-  
 Amfepramone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amfepramone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=205.30$  g/mol  
 Other term(s): Diethylpropion  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS90-84-6
- [NPU01159]  
 Urine-  
 Amfepramone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amfepramone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=205.30$  g/mol
- Other term(s): Diethylpropion  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS90-84-6
- [NPU01165]  
 Urine-  
 Amfetamine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=135.20$  g/mol  
 Other term(s): Amphetamine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS300-62-9
- [NPU01164]  
 Urine-  
 Amfetamine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=135.20$  g/mol  
 Other term(s): Amphetamine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS300-62-9
- [NPU01168]  
 Urine-  
 Amfetaminil;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amfetaminil;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=250.33$  g/mol  
 Other term(s): Amphetaminil  
 Authority: IOC; IFCC/C-LDA; INN88; CAS17590-01-1
- [NPU01167]  
 Urine-  
 Amfetaminil;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amfetaminil;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=250.33$  g/mol  
 Other term(s): Amphetaminil  
 Authority: IOC; IFCC/C-LDA; INN88; CAS17590-01-1
- [NPU01171]  
 Urine-  
 Amiloride;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amiloride;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=229.65$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS2609-46-3
- [NPU01170]  
 Urine-  
 Amiloride;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amiloride;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=229.65$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS2609-46-3
- [NPU04412]  
 Urine-  
 Amineptine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amineptine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=337.47$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57574-09-1
- [NPU04411]  
 Urine-  
 Amineptine;

arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amineptine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=337.47$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57574-09-1  
 [NPU01222]  
 Urine-  
 Amiphenazole;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Amiphenazole;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=191.26$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS490-55-1  
 [NPU01221]  
 Urine-  
 Amiphenazole;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Amiphenazole;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=191.26$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS490-55-1  
 [NPU04560]  
 Urine-  
 Anabolic steroid;  
 arbitrary concentration(list; IOC 95 Screen)  
 U-Anabolic steroid;arb.c.(list; IOC 95 Screen)  
 [NPU3811] U-Androstanolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU1394] U-Bolasterone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU1397] U-Boldenone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU1623] U-Clostebol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4301] U-Danazol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU1849] U-Dehydrochloromethyl testosterone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4325] U-Drostanolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2064] U-Fluoxymesterone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4321] U-Formebolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4408] U-Mestanolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2706] U-Mesterolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2712] U-Metandienone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2716] U-Metenolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4309] U-Methandriol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2801] U-Methyltestosterone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4305] U-Mibolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2885] U-Nandrolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2918] U-Norethandrolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU2972] U-Oxandrolone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU3015] U-Oxymesterone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU3018] U-Oxymetholone;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU3469] U-Stanozolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4410] U-Trenbolone;arb.c.(IOC 95 Screen; 0 1)=?  
 Authority: IOC; IFCC/C-LDA  
 [NPU04763]  
 Urine-  
 Anabolic steroid;  
 presence(IOC 95 Screen)  
 U-Anabolic steroid;presence(IOC 95 Screen)=?  
 Authority: IOC; IFCC/C-LDA

Note: Report is on parent compounds, based on specific metabolites for each compound. These are reported with the outcome of the confirmation study.  
 [NPU04295]  
 Urine-  
 Anabolic steroid;  
 substance concentration(list; IOC 95 Screen)  
 U-Anabolic steroid;subst.c.(list; IOC 95 Screen)  
 [NPU3546] U-Testosterone;subst.c.(IOC 95 Screen;(<700>=700) nmol/l)=? nmol/l  
 AUTHORITY: IOC; IFCC/C-LDA  
 [NPU03884]  
 Urine-  
 Androstanolone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Androstanolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=290.4$  g/mol  
 Not recommended term(s): Dihydrotestosterone; Stanolone  
 Authority: IOC; IFCC/C-LDA; INN88; CAS521-18-6  
 [NPU03811]  
 Urine-  
 Androstanolone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Androstanolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=290.4$  g/mol  
 Not recommended term(s): Dihydrotestosterone; Stanolone  
 Authority: IOC; IFCC/C-LDA; INN88; CAS521-18-6  
 [NPU01260]  
 Urine-  
 Anileridine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Anileridine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=352.46$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS144-14-9  
 [NPU01259]  
 Urine-  
 Anileridine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Anileridine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=352.46$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS144-14-9  
 [NPU01335]  
 Urine-  
 Atenolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Atenolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=266.34$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS29122-68-7  
 [NPU01334]  
 Urine-  
 Atenolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Atenolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=266.34$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS29122-68-7  
 [NPU01354]  
 Urine-  
 Bendroflumethiazide;

- arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Bendroflumethiazide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=421.41$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS73-48-3  
[NPU01353]  
Urine–
- Bendroflumethiazide;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Bendroflumethiazide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=421.41$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS73-48-3  
[NPU04418]  
Urine–
- Benzbromarone;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Benzbromarone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=424.11$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS3562-84-3  
[NPU04417]  
Urine–
- Benzbromarone;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Benzbromarone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=424.11$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS3562-84-3  
[NPU01357]  
Urine–
- Benzfetamine;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Benzfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=239.35$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS156-08-1  
[NPU01356]  
Urine–
- Benzfetamine;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Benzfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=239.35$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS156-08-1  
[NPU01362]  
Urine–
- Benzthiazide;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Benzthiazide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=431.96$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS91-33-8  
[NPU01361]  
Urine–
- Benzthiazide;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Benzthiazide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=431.96$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS91-33-8  
[NPU04424]  
Urine–
- Betaxolol;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Betaxolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=307.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS63659-18-7  
[NPU04423]  
Urine–
- Betaxolol;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Betaxolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=307.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS63659-18-7  
[NPU04427]  
Urine–
- Bevantolol;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Bevantolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=345.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS59170-23-9  
[NPU04426]  
Urine–
- Bevantolol;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Bevantolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=345.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS59170-23-9  
[NPU04430]  
Urine–
- Bisoprolol;**  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Bisoprolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=325.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS66277-44-9  
[NPU04429]  
Urine–
- Bisoprolol;**  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Bisoprolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=325.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS66277-44-9  
[NPU04562]  
Urine–
- $\beta$ -
- Blocking substance;**  
arbitrary concentration(list; IOC 95 Screen)  
U– $\beta$ -Blocking substance;arb.c.(list; IOC 95 Screen)  
[NPU1001] U–Acebutolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1152] U–Alprenolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1334] U–Atenolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4423] U–Betaxolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4426] U–Bevantolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4429] U–Bisoprolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4435] U–Bupranolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4432] U–Bunitrolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4317] U–Bunolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4438] U–Carteolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2538] U–Labetalol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4486] U–Mepindolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2813] U–Metoprolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2871] U–Nadolol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4501] U–Nifenalol;arb.c.(IOC 95 Screen; 0 1)=?

- [NPU3003] U–Oxprenolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4510] U–Penbutolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4525] U–Pindolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4531] U–Practolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU3267] U–Propranolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU3440] U–Sotalol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4545] U–Tertatolol;arb.c.(IOC 95 Screen; 0 1)=?  
 [NPU4546] U–Timolol;arb.c.(IOC 95 Screen; 0 1)=?  
 Authority: IOC; IFCC/C-LDA
- [NPU04764]  
 Urine–  
 β-  
 Blocking substance;  
 presence(IOC 95 Screen)  
 U–β-Blocking substance;presence(IOC 95 Screen)=?  
 Authority: IOC; IFCC/C-LDA
- [NPU01395]  
 Urine–  
 Bolasterone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Bolasterone;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=316.47 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1605-89-6
- [NPU01394]  
 Urine–  
 Bolasterone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Bolasterone;arb.c.(IOC 95 Screen; 0 1)=?  
 M=316.47 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1605-89-6
- [NPU01398]  
 Urine–  
 Boldenone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Boldenone;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=286.40 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS846-48-0
- [NPU01397]  
 Urine–  
 Boldenone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Boldenone;arb.c.(IOC 95 Screen; 0 1)=?  
 M=286.40 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS846-48-0
- [NPU01409]  
 Urine–  
 Bumetanide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Bumetanide;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=364.42 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS28395-03-1
- [NPU01408]  
 Urine–  
 Bumetanide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Bumetanide;arb.c.(IOC 95 Screen; 0 1)=?  
 M=364.42 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS28395-03-1
- [NPU04433]  
 Urine–  
 Bunitrolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Bunitrolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=248.32 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS34915-68-9
- [NPU04432]  
 Urine–  
 Bunitrolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Bunitrolol;arb.c.(IOC 95 Screen; 0 1)=?  
 M=248.32 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS34915-68-9
- [NPU04318]  
 Urine–  
 Bunolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Bunolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=291.39 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS27591-01-1
- [NPU04317]  
 Urine–  
 Bunolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Bunolol;arb.c.(IOC 95 Screen; 0 1)=?  
 M=291.39 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS27591-01-1
- [NPU04436]  
 Urine–  
 Bupranolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Bupranolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=271.79 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS14556-46-8
- [NPU04435]  
 Urine–  
 Bupranolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Bupranolol;arb.c.(IOC 95 Screen; 0 1)=?  
 M=271.79 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS14556-46-8
- [NPU01412]  
 Urine–  
 Buprenorphine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Buprenorphine;arb.c.(IOC 95 Confirm; 0 1)=?  
 M=467.66 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS52485-79-7
- [NPU01411]  
 Urine–  
 Buprenorphine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Buprenorphine;arb.c.(IOC 95 Screen; 0 1)=?  
 M=467.66 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS52485-79-7
- [NPU01433]  
 Urine–



- Caffeine;  
 substance concentration(IOC 95 Confirm)  
 micromole/litre  
 U–Caffeine;subst.c.(IOC 95 Confirm)=?  $\mu\text{mol/l}$   
 $M=194.19$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; CAS58-08-2  
 Note: Decision limit 60  $\mu\text{mol/l}$   
 [NPU01432]  
 Urine–
- Caffeine;  
 substance concentration(IOC 95 Screen;( <60 > =60) mi-  
 cromole/litre)  
 micromole/litre  
 U–Caffeine;subst.c.(IOC 95 Screen;( <60 > =60)  $\mu\text{mol/l}$ )=  
 ?  $\mu\text{mol/l}$   
 $M=194.19$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; CAS58-08-2  
 Note: Decision limit 60  $\mu\text{mol/l}$   
 [NPU01454]  
 Urine–
- Canrenone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Canrenone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=340.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS976-71-6  
 [NPU01453]  
 Urine–
- Canrenone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Canrenone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=340.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS976-71-6  
 [NPU04439]  
 Urine–
- Carteolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Carteolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=292.38$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS51781-06-7  
 [NPU04438]  
 Urine–
- Carteolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Carteolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=292.38$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS51781-06-7  
 [NPU01515]  
 Urine–
- Cathine;  
 substance concentration(IOC 95 Confirm)  
 micromole/litre  
 U–Cathine;subst.c.(IOC 95 Confirm)=?  $\mu\text{mol/l}$   
 $M=151.20$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS492-39-7  
 Note: IOC decision limit 30  $\mu\text{mol/l}$   
 [NPU01514]  
 Urine–
- Cathine;  
 substance concentration(IOC 95 Screen;( <30 > =30) mi-  
 cromole/litre)  
 micromole/litre  
 U–Cathine;subst.c.(IOC 95 Screen;( <30 > =30)  $\mu\text{mol/l}$ )=  
 ?  $\mu\text{mol/l}$   
 $M=151.20$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS492-39-7  
 Note: IOC decision limit 30  $\mu\text{mol/l}$   
 [NPU01539]  
 Urine–
- Chlormerodrin;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Chlormerodrin;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=367.22$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS62-37-3  
 [NPU01538]  
 Urine–
- Chlormerodrin;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Chlormerodrin;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=367.22$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS62-37-3  
 [NPU01542]  
 Urine–
- Chlorphentermine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Chlorphentermine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=183.69$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS461-78-9  
 [NPU01541]  
 Urine–
- Chlorphentermine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Chlorphentermine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=183.69$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS461-78-9  
 [NPU01547]  
 Urine–
- Chlortalidone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Chlortalidone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=338.78$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-36-1  
 [NPU01546]  
 Urine–
- Chlortalidone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Chlortalidone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=338.78$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-36-1  
 [NPU01575]  
 Urine–
- Choriogonadotropin;  
 arbitrary substance concentration(IOC Screen; IS 75/537;  
 (<25>25) international unit/litre)  
 international unit/litre  
 U–Choriogonadotropin;arb.subst.c.(IOC Screen; IS 75/  
 537;( <25 >25) int. unit/l)=? int. unit/l

- $M=39\,000$  g/mol  
 Calibrator: WHO 2nd IS 75/537  
 Previous Calibrator(s): WHO 1st IRP 75/537 (for immunoassay; identical to 3rd IS); WHO  
 Not recommended term(s): hCG  
 Authority: IOC; IFCC/C-LDA; IUPAC-IUB74; CAS9002-61-3  
 Note: IOC decision limit 25 int.unit/l  
 [NPU04442]  
 Urine–  
 Clenbuterol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Clenbuterol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=277.18$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS37148-27-9  
 [NPU04441]  
 Urine–  
 Clenbuterol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Clenbuterol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=277.18$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS37148-27-9  
 [NPU01614]  
 Urine–  
 Clobenzorex;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Clobenzorex;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=259.78$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS13364-32-4  
 [NPU01613]  
 Urine–  
 Clobenzorex;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Clobenzorex;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=259.78$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS13364-32-4  
 [NPU04445]  
 Urine–  
 Clopamide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Clopamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=345.86$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS636-54-4  
 [NPU04444]  
 Urine–  
 Clopamide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Clopamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=345.86$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS636-54-4  
 [NPU01621]  
 Urine–  
 Clorprenaline;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Clorprenaline;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=213.72$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3811-25-4  
 [NPU01620]  
 Urine–  
 Clorprenaline;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Clorprenaline;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=213.72$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3811-25-4  
 [NPU01624]  
 Urine–  
 Clostebol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Clostebol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=322.89$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1093-58-9  
 [NPU01623]  
 Urine–  
 Clostebol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Clostebol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=322.89$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1093-58-9  
 [NPU01708]  
 Urine–  
 Cocaine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Cocaine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=303.35$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; USP 90; CAS50-36-2  
 [NPU01707]  
 Urine–  
 Cocaine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Cocaine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=303.35$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; USP 90; CAS50-36-2  
 [NPU01712]  
 Urine–  
 Codeine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Codeine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=299.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; USP 90; CAS76-57-3  
 Note: Permitted drug, but morphine may be found in urine as a metabolite  
 [NPU01711]  
 Urine–  
 Codeine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Codeine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=299.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; BAN; USP 90; CAS76-57-3  
 Note: Permitted drug, but morphine may be found in urine as a metabolite  
 [NPU01811]  
 Urine–  
 Cropropamide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Cropropamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=240.34$  g/mol

- Authority: IOC; IFCC/C-LDA; INN88; CAS633-47-6  
[NPU01810]  
Urine–  
Cropropamide;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Cropropamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=240.34$  g/mol  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS633-47-6  
[NPU01814]  
Urine–  
Crotetamide;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Crotetamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=226.31$  g/mol  
Not recommended term(s): Crotethamide  
Authority: IOC; IFCC/C-LDA; INN88; CAS6168-76-9  
[NPU01813]  
Urine–  
Crotetamide;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Crotetamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=226.31$  g/mol  
Not recommended term(s): Crotethamide  
Authority: IOC; IFCC/C-LDA; INN88; CAS6168-76-9  
[NPU04297]  
Urine–  
Danazol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Danazol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=337.47$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS17230-88-5  
[NPU04301]  
Urine–  
Danazol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Danazol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=337.47$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS17230-88-5  
[NPU01850]  
Urine–  
Dehydrochloromethyl testosterone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dehydrochloromethyl testosterone;arb.c.(IOC 95 Confirm;  
0 1)=?  
 $M=334.87$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS2446-23-3  
[NPU01849]  
Urine–  
Dehydrochloromethyl testosterone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dehydrochloromethyl testosterone;arb.c.(IOC 95 Screen;  
0 1)=?  
 $M=334.87$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS2446-23-3  
[NPU01861]  
Urine–  
Dextromoramide;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dextromoramide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=392.55$  g/mol  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS357-56-2  
[NPU01860]  
Urine–  
Dextromoramide;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dextromoramide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=392.55$  g/mol  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS357-56-2  
[NPU01865]  
Urine–  
Dextropropoxyphene;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dextropropoxyphene;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=339.48$  g/mol  
Other term(s): Propoxyphene  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS469-62-5  
[NPU01864]  
Urine–  
Dextropropoxyphene;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dextropropoxyphene;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=339.48$  g/mol  
Other term(s): Propoxyphene  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS469-62-5  
[NPU01877]  
Urine–  
Diamorphine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Diamorphine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=369.40$  g/mol  
Not recommended term(s): Heroin  
Authority: IOC; IFCC/C-LDA; BAN; CAS561-27-3  
[NPU01876]  
Urine–  
Diamorphine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Diamorphine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=369.40$  g/mol  
Not recommended term(s): Heroin  
Authority: IOC; IFCC/C-LDA; BAN; CAS561-27-3  
[NPU01884]  
Urine–  
Diclophenamide;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Diclophenamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=305.16$  g/mol  
Not recommended term(s): Dichlorphenamide  
Authority: IOC; IFCC/C-LDA; INN88; CAS120-97-8  
[NPU01883]  
Urine–  
Diclophenamide;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Diclophenamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=305.16$  g/mol  
Not recommended term(s): Dichlorphenamide  
Authority: IOC; IFCC/C-LDA; INN88; CAS120-97-8

- [NPU01888]  
Urine–  
Dihydrocodeine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dihydrocodeine;arb.c.(IOC 95 Confirm; 0 1)=?  
*M*=301.37 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS125-28-0  
Note: Permitted drug, but morphine may be found in urine as a metabolite
- [NPU01887]  
Urine–  
Dihydrocodeine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dihydrocodeine;arb.c.(IOC 95 Screen; 0 1)=?  
*M*=301.37 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS125-28-0  
Note: Permitted drug, but morphine may be found in urine as a metabolite
- [NPU01901]  
Urine–  
Dimetamfetamine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dimetamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
*M*=163.25 g/mol  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS17279-39-9
- [NPU01900]  
Urine–  
Dimetamfetamine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dimetamfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
*M*=163.25 g/mol  
Authority: IOC; IFCC/C-LDA; \*INN88; CAS17279-39-9
- [NPU01909]  
Urine–  
Dipipanone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Dipipanone;arb.c.(IOC 95 Confirm; 0 1)=?  
*M*=349.50 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS467-83-4
- [NPU01908]  
Urine–  
Dipipanone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Dipipanone;arb.c.(IOC 95 Screen; 0 1)=?  
*M*=349.50 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS467-83-4
- [NPU04561]  
Urine–  
Diuretic substance;  
arbitrary concentration(list; IOC 95 Screen)  
U–Diuretic substance;arb.c.(list; IOC 95 Screen)  
[NPU1007] U–Acetazolamide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1170] U–Amiloride;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1353] U–Bendroflumethiazide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4417] U–Benzbromarone;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1361] U–Benzthiazide;arb.c.(IOC 95 Screen; 0 1)=?
- [NPU1408] U–Bumetanide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1453] U–Canrenone;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1538] U–Chlormerodrin;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1546] U–Chlortalidone;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4444] U–Clopamide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1883] U–Diclophenamide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU1983] U–Etacrylic acid;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2139] U–Furosemide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2405] U–Hydrochlorothiazide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4468] U–Hydroflumethiazide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4897] U–Indapamide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4889] U–Mannitol;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4483] U–Mefruside;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU2703] U–Mersaly;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4528] U–Piretanide;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU3238] U–Probenecid; arb.c.(IOC 95 Screen; 0 1)=?  
[NPU4534] U–Quinethazone;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU3466] U–Spironolactone;arb.c.(IOC 95 Screen; 0 1)=?  
[NPU3613] U–Triamterene;arb.c.(IOC 95 Screen; 0 1)=?  
Authority: IOC; IFCC/C-LDA
- [NPU04765]  
Urine–  
Diuretic substance;  
presence(IOC 95 Screen)  
U–Diuretic substance;presence(IOC 95 Screen)=?  
Authority: IOC; IFCC/C-LDA
- [NPU03894]  
Urine–  
Drostanolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Drostanolone;arb.c.(IOC 95 Confirm; 0 1)=?  
*M*=304.46 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS58-19-5
- [NPU04325]  
Urine–  
Drostanolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Drostanolone;arb.c.(IOC 95 Screen; 0 1)=?  
*M*=304.46 g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS58-19-5
- [NPU01937]  
Urine–  
Ephedrine;  
substance concentration(IOC 95 Confirm)  
micromole/litre  
U–Ephedrine;subst.c.(IOC 95 Confirm)=?  $\mu$ mol/l  
*M*=165.23 g/mol  
Authority: IOC; IFCC/C-LDA; BAN; CAS299-42-3  
Note: IOC decision limit 30  $\mu$ mol/l
- [NPU01936]  
Urine–  
Ephedrine;  
substance concentration(IOC 95 Screen;( <30> =30) mi-  
cromole/litre)  
micromole/litre

- U-Ephedrine;subst.c.(IOC 95 Screen;(<30>=30)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 $M=165.23\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; BAN; CAS299-42-3  
 Note: IOC decision limit 30  $\mu\text{mol/l}$   
 [NPU01940]  
 Urine–  
 Epitestosterone;  
 substance concentration(IOC 95 Confirm)  
 nanomole/litre  
 U-Epitesosterone;subst.c.(IOC 95 Confirm)=?  $\text{nmol/l}$   
 $M=288.43\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; CAS481-30-1  
 Note: IOC decision limit 700  $\text{mol/l}$   
 [NPU01939]  
 Urine–  
 Epitestosterone;  
 substance concentration(IOC 95 Screen;(<700>=700)  
 nanomole/litre)  
 nanomole/litre  
 U-Epitesosterone;subst.c.(IOC 95 Screen;(<700>=700)  
 $\text{nmol/l}$ )=?  $\text{nmol/l}$   
 $M=288.43\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; CAS481-30-1  
 Note: IOC decision limit 700  $\text{nmol/l}$   
 [NPU01984]  
 Urine–  
 Etacrynic acid;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Etacrynic acid;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=303.15\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS58-54-8  
 [NPU01983]  
 Urine–  
 Etacrynic acid;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Etacrynic acid;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=303.15\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS58-54-8  
 [NPU01987]  
 Urine–  
 Etafedrine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Etafedrine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=193.28\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS7681-79-0  
 [NPU01986]  
 Urine–  
 Etafedrine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Etafedrine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=193.28\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS7681-79-0  
 [NPU01990]  
 Urine–  
 Etamivan;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Etamivan;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=223.27\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS304-84-7  
 [NPU01989]  
 Urine–  
 Etamivan;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Etamivan;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=223.27\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS304-84-7  
 [NPU01997]  
 Urine–  
 Ethoheptazine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Ethoheptazine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=261.35\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-15-6  
 [NPU01996]  
 Urine–  
 Ethoheptazine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Ethoheptazine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=261.35\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-15-6  
 [NPU02002]  
 Urine–  
 Ethylmorphine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Ethylmorphine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=313.38\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; BAN; CAS76-58-4  
 [NPU02001]  
 Urine–  
 Ethylmorphine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Ethylmorphine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=313.38\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; BAN; CAS76-58-4  
 [NPU02006]  
 Urine–  
 Etilamfetamine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Etilamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=163.25\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS457-87-4  
 [NPU02005]  
 Urine–  
 Etilamfetamine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U-Etilamfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=163.25\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS457-87-4  
 [NPU02009]  
 Urine–  
 Etilefrine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U-Etilefrine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=181.23\text{ g/mol}$   
 Authority: IOC; IFCC/C-LDA; INN88; CAS709-55-7

- [NPU02008]  
Urine-  
Etilefrine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Etilefrine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=181.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS709-55-7
- [NPU02023]  
Urine-  
Fencamfamin;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fencamfamin;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=215.33$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1209-98-9
- [NPU02022]  
Urine-  
Fencamfamin;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fencamfamin;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=215.33$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1209-98-9
- [NPU02026]  
Urine-  
Fenetylline;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fenetylline;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=341.40$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS3736-08-1
- [NPU02025]  
Urine-  
Fenetylline;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fenetylline;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=341.40$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS3736-08-1
- [NPU04460]  
Urine-  
Fenfluramine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fenfluramine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=231.27$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS458-24-2
- [NPU04459]  
Urine-  
Fenfluramine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fenfluramine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=231.27$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS458-24-2
- [NPU04886]  
Urine-  
Fenoterol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fenoterol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=303.37$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS13392-18-2
- [NPU04885]  
Urine-  
Fenoterol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fenoterol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=303.37$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS13392-18-2
- [NPU02030]  
Urine-  
Fenproporex;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fenproporex;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=188.27$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS15686-61-0
- [NPU02029]  
Urine-  
Fenproporex;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fenproporex;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=188.27$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS15686-61-0
- [NPU02065]  
Urine-  
Fluoxymesterone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Fluoxymesterone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=336.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-43-7
- [NPU02064]  
Urine-  
Fluoxymesterone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Fluoxymesterone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=336.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-43-7
- [NPU04296]  
Urine-  
Formebolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Formebolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=344.45$  g/mol  
Other term(s): Formyldienolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS2454-11-7
- [NPU04321]  
Urine-  
Formebolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U-Formebolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=344.45$  g/mol  
Other term(s): Formyldienolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS2454-11-7
- [NPU02136]  
Urine-  
Furfenorex;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U-Furfenorex;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=229.31$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS3776-93-0
- [NPU02135]  
Urine-

- Furfenorex;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Furfenorex;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=229.31$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3776-93-0  
 [NPU02140]  
 Urine–
- Furosemide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Furosemide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=330.77$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS54-31-9  
 [NPU02139]  
 Urine–
- Furosemide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Furosemide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=330.77$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS54-31-9  
 [NPU02352]  
 Urine–
- Heptaminol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Heptaminol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=145.24$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS372-66-7  
 [NPU02351]  
 Urine–
- Heptaminol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Heptaminol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=145.24$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS372-66-7  
 [NPU02406]  
 Urine–
- Hydrochlorothiazide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Hydrochlorothiazide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=297.72$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS58-93-5  
 [NPU02405]  
 Urine–
- Hydrochlorothiazide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Hydrochlorothiazide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=297.72$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS58-93-5  
 [NPU04466]  
 Urine–
- Hydrocodone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Hydrocodone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=299.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS125-29-1  
 [NPU04465]  
 Urine–
- Hydrocodone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Hydrocodone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=299.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS125-29-1  
 [NPU04469]  
 Urine–
- Hydroflumethiazide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Hydroflumethiazide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=331.29$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS135-09-1  
 [NPU04468]  
 Urine–
- Hydroflumethiazide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Hydroflumethiazide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=331.29$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS135-09-1  
 [NPU02420]  
 Urine–
- p*-  
 Hydroxyamfetamine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–*p*-Hydroxyamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=151.20$  g/mol  
 Not recommended term(s): Methylthramine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1518-86-1  
 [NPU02419]  
 Urine–
- p*-  
 Hydroxyamfetamine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–*p*-Hydroxyamfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=151.20$  g/mol  
 Not recommended term(s): Methylthramine  
 Authority: IOC; IFCC/C-LDA; INN88; CAS1518-86-1  
 [NPU04898]  
 Urine–
- Indapamide;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Indapamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=365.84$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS26807-65-8  
 [NPU04897]  
 Urine–
- Indapamide;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Indapamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=365.84$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS26807-65-8  
 [NPU04478]  
 Urine–
- Ketobemidone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Ketobemidone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=247.33$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS469-79-4  
 [NPU04477]  
 Urine–

- Ketobemidone;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Ketobemidone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=247.33$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS469-79-4  
 [NPU02539]  
 Urine–
- Labetalol;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Labetalol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=328.41$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS36894-69-6  
 [NPU02538]  
 Urine–
- Labetalol;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Labetalol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=328.41$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS36894-69-6  
 [NPU02600]  
 Urine–
- Levorphanol;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Levorphanol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=257.38$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-07-6  
 [NPU02599]  
 Urine–
- Levorphanol;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Levorphanol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=257.38$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS77-07-6  
 [NPU04890]  
 Urine–
- Mannitol;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mannitol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=182.17$  g/mol  
 Authority: IOC; IFCC/C-LDA; CAS69-65-8  
 [NPU04889]  
 Urine–
- Mannitol;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mannitol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=182.17$  g/mol  
 Authority: IOC; IFCC/C-LDA; CAS69-65-8  
 [NPU02693]  
 Urine–
- Mefenorex;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mefenorex;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=211.74$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS17243-57-1  
 [NPU02692]  
 Urine–
- Mefenorex;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mefenorex;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=211.74$  g/mol  
 Authority: IOC; IFCC/C-LDA; \*INN88; CAS17243-57-1  
 [NPU04484]  
 Urine–
- Mefruside;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mefruside;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=382.90$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS7195-27-9  
 [NPU04483]  
 Urine–
- Mefruside;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mefruside;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=382.90$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS7195-27-9  
 [NPU04314]  
 Urine–
- Mephentermine;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mephentermine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=163.25$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS100-92-5  
 [NPU04313]  
 Urine–
- Mephentermine;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mephentermine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=163.25$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS100-92-5  
 [NPU04487]  
 Urine–
- Mepindolol;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mepindolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=262.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS23694-81-7  
 [NPU04486]  
 Urine–
- Mepindolol;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mepindolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=262.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS23694-81-7  
 [NPU02704]  
 Urine–
- Mersalyl;**  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Mersalyl;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=505.87$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS492-18-2  
 [NPU02703]  
 Urine–
- Mersalyl;**  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Mersalyl;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=505.87$  g/mol



Authority: IOC; IFCC/C-LDA; \*INN88; CAS492-18-2  
[NPU04873]

Urine–  
Mesocarb;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Mesocarb;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=194.87$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS34262-84-5

[NPU04872]  
Urine–  
Mesocarb;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Mesocarb;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=194.87$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS34262-84-5

[NPU04298]  
Urine–  
Mestanolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Mestanolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS521-11-9

[NPU04408]  
Urine–  
Mestanolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Mestanolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS521-11-9

[NPU02707]  
Urine–  
Mesterolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Mesterolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1424-00-6

[NPU02706]  
Urine–  
Mesterolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Mesterolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1424-00-6

[NPU02710]  
Urine–  
Metamfetamine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Metamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=149.24$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS537-46-2

[NPU02709]  
Urine–  
Metamfetamine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Metamfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=149.24$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS537-46-2

[NPU02713]  
Urine–  
Metamfetamine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Metamfetamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=149.24$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS537-46-2

Urine–  
Metandienone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Metandienone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=300.42$  g/mol  
Not recommended term(s): Methandrostenolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS72-63-9

[NPU02712]  
Urine–  
Metandienone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Metandienone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=300.42$  g/mol  
Not recommended term(s): Methandrostenolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS72-63-9

[NPU02717]  
Urine–  
Metenolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Metenolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=302.44$  g/mol  
Not recommended term(s): Methenolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS153-00-4

[NPU02716]  
Urine–  
Metenolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Metenolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=302.44$  g/mol  
Not recommended term(s): Methenolone  
Authority: IOC; IFCC/C-LDA; INN88; CAS153-00-4

[NPU02720]  
Urine–  
Methadone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Methadone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=309.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-99-3

[NPU02719]  
Urine–  
Methadone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Methadone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=309.45$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-99-3

[NPU04299]  
Urine–  
Methandriol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Methandriol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS521-10-8

[NPU04309]  
Urine–  
Methandriol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Methandriol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS521-10-8

[NPU04309]  
Urine–  
Methandriol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Methandriol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=304.46$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS521-10-8

Authority: IOC; IFCC/C-LDA; INN88; CAS521-10-8  
[NPU02742]

Urine-

Methoxyphenamine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-Methoxyphenamine;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 179.25$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS93-30-1

[NPU02741]

Urine-

Methoxyphenamine;

arbitrary concentration(IOC 95 Screen; 0 1)

U-Methoxyphenamine;arb.c.(IOC 95 Screen; 0 1)=?

$M = 179.25$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS93-30-1

[NPU04300]

Urine-

3,4-

Methylenedioxyamfetamine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-3,4-Methylenedioxyamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 179.25$  g/mol

Not recommended term(s): MDA

Authority: IOC; IFCC/C-LDA; CAS4764-17-4

[NPU04302]

Urine-

3,4-

Methylenedioxyamfetamine;

arbitrary concentration(IOC 95 Screen; 0 1)

U-3,4-Methylenedioxyamfetamine;arb.c.(IOC 95 Screen; 0 1)=?

$M = 179.25$  g/mol

Not recommended term(s): MDA

Authority: IOC; IFCC/C-LDA; CAS4764-17-4

[NPU04481]

Urine-

3,4-

Methylenedioxymetamfetamine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-3,4-Methylenedioxymetamfetamine;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 193.25$  g/mol

Other term(s): MDMA; Ecstasy

Authority: IOC; IFCC/C-LDA; CAS42542-10-9

[NPU04480]

Urine-

3,4-

Methylenedioxymetamfetamine;

arbitrary concentration(IOC 95 Screen; 0 1)

U-3,4-Methylenedioxymetamfetamine;arb.c.(IOC 95 Screen; 0 1)=?

$M = 193.25$  g/mol

Other term(s): MDMA; Ecstasy

Authority: IOC; IFCC/C-LDA; CAS42542-10-9

[NPU02773]

Urine-

Methylephedrine;

substance concentration(IOC 95 Confirm)

micromole/litre

U-Methylephedrine;subst.c.(IOC 95 Confirm)=?  $\mu\text{mol/l}$

$M = 179.25$  g/mol

Authority: IOC; IFCC/C-LDA; BAN; CAS552-79-4

Note: IOC decision limit  $30 \mu\text{mol/l}$

[NPU02772]

Urine-

Methylephedrine;

substance concentration(IOC 95 Screen;( <30> = 30) micromole/litre)

micromole/litre

U-Methylephedrine;subst.c.(IOC 95 Screen;( <30> = 30)

$\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$

$M = 179.25$  g/mol

Authority: IOC; IFCC/C-LDA; BAN; CAS552-79-4

Note: IOC decision limit  $30 \mu\text{mol/l}$

[NPU02799]

Urine-

Methylphenidate;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-Methylphenidate;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 233.30$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS113-45-1

[NPU02798]

Urine-

Methylphenidate;

arbitrary concentration(IOC 95 Screen; 0 1)

U-Methylphenidate;arb.c.(IOC 95 Screen; 0 1)=?

$M = 233.30$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS113-45-1

[NPU02802]

Urine-

Methyltestosterone;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-Methyltestosterone;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 302.44$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS58-18-4

[NPU02801]

Urine-

Methyltestosterone;

arbitrary concentration(IOC 95 Screen; 0 1)

U-Methyltestosterone;arb.c.(IOC 95 Screen; 0 1)=?

$M = 302.44$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS58-18-4

[NPU02814]

Urine-

Metoprolol;

arbitrary concentration(IOC 95 Confirm; 0 1)

U-Metoprolol;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 267.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS37350-58-6

[NPU02813]

Urine-

Metoprolol;

arbitrary concentration(IOC 95 Screen; 0 1)

U-Metoprolol;arb.c.(IOC 95 Screen; 0 1)=?

$M = 267.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS37350-58-6  
[NPU04303]

Urine–

Mibolerone;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Mibolerone;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 302.46$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS3704-09-4

[NPU04305]

Urine–

Mibolerone;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Mibolerone;arb.c.(IOC 95 Screen; 0 1)=?

$M = 302.46$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS3704-09-4

[NPU02843]

Urine–

Morazone;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Morazone;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 377.47$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS65-18-1

[NPU02842]

Urine–

Morazone;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Morazone;arb.c.(IOC 95 Screen; 0 1)=?

$M = 377.47$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS65-18-1

[NPU02848]

Urine–

Morphine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Morphine;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 285.33$  g/mol

Authority: IOC; IFCC/C-LDA; BAN; CAS57-27-2

Note: decision limit pending

[NPU02847]

Urine–

Morphine;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Morphine;arb.c.(IOC 95 Screen; 0 1)=?

$M = 285.33$  g/mol

Authority: IOC; IFCC/C-LDA; BAN; CAS57-27-2

Note: decision limit pending

[NPU02872]

Urine–

Nadolol;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Nadolol;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 309.42$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS42200-33-9

[NPU02871]

Urine–

Nadolol;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Nadolol;arb.c.(IOC 95 Screen; 0 1)=?

$M = 309.42$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS42200-33-9  
[NPU02883]

Urine–

Nalbuphine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Nalbuphine;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 357.46$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS20594-83-6

[NPU02882]

Urine–

Nalbuphine;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Nalbuphine;arb.c.(IOC 95 Screen; 0 1)=?

$M = 357.46$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS20594-83-6

[NPU02886]

Urine–

Nandrolone;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Nandrolone;arb.c.(IOC 95 Confirm; 0 1)=?

$M = 274.39$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS434-22-0

[NPU02885]

Urine–

Nandrolone;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Nandrolone;arb.c.(IOC 95 Screen; 0 1)=?

$M = 274.39$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS434-22-0

[NPU04559]

Urine–

Narcotic analgesic substance;

arbitrary concentration(list; IOC 95 Screen)

U–Narcotic analgesic substance;arb.c.(list; IOC 95 Screen)

[NPU1148] U–Alphaprodine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1259] U–Anileridine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1411] U–Buprenorphine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1860] U–Dextromoramide;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1864] U–Dextropropoxyphene;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1876] U–Diamorphine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1908] U–Dipipanone;arb.c.(IOC 95 Screen; 0 1)=?

[NPU1996] U–Ethioheptazine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU2001] U–Ethylmorphine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU4465] U–Hydrocodone;arb.c.(IOC 95 Screen; 0 1)=?

[NPU4477] U–Ketobemidone;arb.c.(IOC 95 Screen; 0 1)=?

[NPU2599] U–Levorphanol;arb.c.(IOC 95 Screen; 0 1)=?

[NPU2719] U–Methadone;arb.c.(IOC 95 Screen; 0 1)=?

[NPU2847] U–Morphine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU2882] U–Nalbuphine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU4447] U–Oxycodone;arb.c.(IOC 95 Screen; 0 1)=?

[NPU3036] U–Pentazocine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU3050] U–Pethidine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU3054] U–Phenazocine;arb.c.(IOC 95 Screen; 0 1)=?

[NPU4552] U–Tramadol;arb.c.(IOC 95 Screen; 0 1)=?

[NPU3626] U–Trimeperidine;arb.c.(IOC 95 Screen; 0 1)=?

Authority: IOC; IFCC/C-LDA; MSH94D000701

- [NPU04767]  
Urine–  
Narcotic analgesic substance;  
presence(IOC 95 Screen)  
U–Narcotic analgesic substance;presence(IOC 95 Screen)=?  
Authority: IOC; IFCC/C-LDA; MSH94D000701
- [NPU04502]  
Urine–  
Nifenalol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Nifenalol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 224.26$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS7413-36-7
- [NPU04501]  
Urine–  
Nifenalol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Nifenalol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 224.26$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS7413-36-7
- [NPU02913]  
Urine–  
Nikethamide;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Nikethamide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 178.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS59-26-7
- [NPU02912]  
Urine–  
Nikethamide;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Nikethamide;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 178.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS59-26-7
- [NPU02919]  
Urine–  
Norethandrolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Norethandrolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 302.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS52-78-8
- [NPU02918]  
Urine–  
Norethandrolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Norethandrolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 302.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS52-78-8
- [NPU04006]  
Urine–  
Norfenfluramine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Norfenfluramine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 203.21$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1886-26-6
- [NPU03818]  
Urine–  
Norfenfluramine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Norfenfluramine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 203.21$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS1886-26-6
- [NPU02973]  
Urine–  
Oxandrolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Oxandrolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 306.43$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS53-39-4
- [NPU02972]  
Urine–  
Oxandrolone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Oxandrolone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 306.43$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS53-39-4
- [NPU03004]  
Urine–  
Oxprenolol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Oxprenolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 265.34$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS6452-71-7
- [NPU03003]  
Urine–  
Oxprenolol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Oxprenolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 265.34$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS6452-71-7
- [NPU04448]  
Urine–  
Oxycodone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Oxycodone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 315.36$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-42-6
- [NPU04447]  
Urine–  
Oxycodone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Oxycodone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 315.36$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS76-42-6
- [NPU03016]  
Urine–  
Oxymesterone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Oxymesterone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 318.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS145-12-0
- [NPU03015]  
Urine–  
Oxymesterone;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Oxymesterone;arb.c.(IOC 95 Screen; 0 1)=?

- $M = 318.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS145-12-0  
 [NPU03019]  
 Urine–  
 Oxymetholone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Oxymetholone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 332.47$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS434-07-1  
 [NPU03018]  
 Urine–  
 Oxymetholone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Oxymetholone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 332.47$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS434-07-1  
 [NPU03033]  
 Urine–  
 Pemoline;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Pemoline;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 176.16$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS2152-34-3  
 [NPU03032]  
 Urine–  
 Pemoline;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Pemoline;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 176.16$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS2152-34-3  
 [NPU04511]  
 Urine–  
 Penbutolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Penbutolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 291.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS38363-40-5  
 [NPU04510]  
 Urine–  
 Penbutolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Penbutolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 291.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS38363-40-5  
 [NPU03037]  
 Urine–  
 Pentazocine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Pentazocine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 285.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS359-83-1  
 [NPU03036]  
 Urine–  
 Pentazocine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Pentazocine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 285.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS359-83-1  
 [NPU03040]  
 Urine–  
 Pentetrazol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Pentetrazol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 138.17$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS54-95-5  
 [NPU03039]  
 Urine–  
 Pentetrazol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Pentetrazol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 138.17$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS54-95-5  
 [NPU03051]  
 Urine–  
 Pethidine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Pethidine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 247.35$  g/mol  
 Not recommended term(s): Meperidin  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57-42-1  
 [NPU03050]  
 Urine–  
 Pethidine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Pethidine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 247.35$  g/mol  
 Not recommended term(s): Meperidin  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57-42-1  
 [NPU03053]  
 Urine–  
 Phenazocine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Phenazocine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 321.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS127-35-5  
 [NPU03054]  
 Urine–  
 Phenazocine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Phenazocine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 321.44$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS127-35-5  
 [NPU03057]  
 Urine–  
 Phendimetrazine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Phendimetrazine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 191.26$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS634-03-7  
 [NPU03056]  
 Urine–  
 Phendimetrazine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Phendimetrazine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 191.26$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS634-03-7

- [NPU04514]  
Urine–  
Phenethylamine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Phenethylamine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 121.18$  g/mol  
Authority: IOC; IFCC/C-LDA; CAS64-04-0
- [NPU04513]  
Urine–  
Phenethylamine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Phenethylamine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 121.18$  g/mol  
Authority: IOC; IFCC/C-LDA; CAS64-04-0
- [NPU03060]  
Urine–  
Phenmetrazine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Phenmetrazine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 177.24$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS134-49-6
- [NPU03059]  
Urine–  
Phenmetrazine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Phenmetrazine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 177.24$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS134-49-6
- [NPU03067]  
Urine–  
Phentermine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Phentermine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 149.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS122-09-8
- [NPU03066]  
Urine–  
Phentermine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Phentermine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 149.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS122-09-8
- [NPU03083]  
Urine–  
Phenylpropanolamine;  
substance concentration(IOC 95 Confirm)  
micromole/litre  
U–Phenylpropanolamine;subst.c.(IOC 95 Confirm)=?  
 $\mu\text{mol/l}$   
 $M = 151.20$  g/mol  
Authority: IOC; IFCC/C-LDA; BAN; CAS14838-15-4  
Note: IOC decision limit 30  $\mu\text{mol/l}$
- [NPU03082]  
Urine–  
Phenylpropanolamine;  
substance concentration(IOC 95 Screen;( <30 > = 30) mi-  
cromole /litre)  
micromole /litre  
U–Phenylpropanolamine;subst.c.(IOC 95 Screen;( <30 > = 30)  $\mu\text{mol/l}$ )=?  
 $M = 151.20$  g/mol  
Authority: IOC; IFCC/C-LDA; BAN; CAS14838-15-4  
Note: IOC decision limit 30  $\mu\text{mol/l}$
- [NPU04523]  
Urine–  
Pholedrine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Pholedrine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 165.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS370-14-9
- [NPU04522]  
Urine–  
Pholedrine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Pholedrine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 165.23$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS370-14-9
- [NPU04526]  
Urine–  
Pindolol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Pindolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 248.32$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS13523-86-9
- [NPU04525]  
Urine–  
Pindolol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Pindolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 248.32$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS13523-86-9
- [NPU03176]  
Urine–  
Pipradrol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Pipradrol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 267.36$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS467-60-7
- [NPU03175]  
Urine–  
Pipradrol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Pipradrol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M = 267.36$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS467-60-7
- [NPU04529]  
Urine–  
Piretanide;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Piretanide;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M = 362.40$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS55837-27-9
- [NPU04528]  
Urine–  
Piretanide;  
arbitrary concentration(IOC 95 Screen; 0 1)

- U–Piretanide;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 362.40 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS55837-27-9  
 [NPU04532]  
 Urine–
- Practolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Practolol;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 266.34 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS6673-35-4  
 [NPU04531]  
 Urine–
- Practolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Practolol;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 266.34 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS6673-35-4  
 [NPU03239]  
 Urine–
- Probenecid;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Probenecid;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 285.36 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57-66-9  
 [NPU03238]  
 Urine–
- Probenecid;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Probenecid;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 285.36 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS57-66-9  
 [NPU03260]  
 Urine–
- Prolintane;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Prolintane;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 217.34 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS493-92-5  
 [NPU03259]  
 Urine–
- Prolintane;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Prolintane;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 217.34 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS493-92-5  
 [NPU03268]  
 Urine–
- Propranolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Propranolol;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 259.34 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS525-66-6  
 [NPU03267]  
 Urine–
- Propranolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Propranolol;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 259.34 g/mol
- Authority: IOC; IFCC/C-LDA; INN88; CAS525-66-6  
 [NPU03271]  
 Urine–
- Propylhexedrine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Propylhexedrine;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 155.28 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3595-11-7  
 [NPU03270]  
 Urine–
- Propylhexedrine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Propylhexedrine;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 155.28 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3595-11-7  
 [NPU03310]  
 Urine–
- Pseudoephedrine;  
 substance concentration(IOC 95 Confirm)  
 micromole/litre  
 U–Pseudoephedrine;subst.c.(IOC 95 Confirm)=?  $\mu\text{mol/l}$   
*M* = 165.23 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS90-82-4  
 Note: IOC decision limit 30  $\mu\text{mol/l}$   
 [NPU03309]  
 Urine–
- Pseudoephedrine;  
 substance concentration(IOC 95 Screen;( <30> =30) mi-  
 cromole/litre)  
 micromole/litre  
 U–Pseudoephedrine;subst.c.(IOC 95 Screen;( <30> =30)  
 $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
*M* = 165.23 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS90-82-4  
 Note: IOC decision limit 30  $\mu\text{mol/l}$   
 [NPU03325]  
 Urine–
- Pyrovalerone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Pyrovalerone;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 245.35 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3563-49-3  
 [NPU03324]  
 Urine–
- Pyrovalerone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Pyrovalerone;arb.c.(IOC 95 Screen; 0 1)=?  
*M* = 245.35 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3563-49-3  
 [NPU04535]  
 Urine–
- Quinethazone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Quinethazone;arb.c.(IOC 95 Confirm; 0 1)=?  
*M* = 289.76 g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS73-49-4  
 [NPU04534]  
 Urine–

- Quinethazone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Quinethazone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=289.76$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS73-49-4  
 [NPU04538]  
 Urine–
- Salbutamol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Salbutamol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=239.31$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS18559-94-9  
 [NPU04537]  
 Urine–
- Salbutamol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Salbutamol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=239.31$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS18559-94-9  
 [NPU04880]  
 Urine–
- Salmeterol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Salmeterol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=415.58$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS89365-50-4  
 [NPU04879]  
 Urine–
- Salmeterol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Salmeterol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=415.58$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS89365-50-4  
 [NPU03441]  
 Urine–
- Sotalol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Sotalol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=272.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3930-20-9  
 [NPU03440]  
 Urine–
- Sotalol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Sotalol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=272.36$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS3930-20-9  
 [NPU03467]  
 Urine–
- Spironolactone;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Spironolactone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=416.59$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS52-01-7  
 [NPU03466]  
 Urine–
- Spironolactone;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Spironolactone;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=416.59$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS52-01-7  
 [NPU03470]  
 Urine–
- Stanozolol;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Stanozolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=328.48$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS10418-03-8  
 [NPU03469]  
 Urine–
- Stanozolol;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Stanozolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=328.48$  g/mol  
 Authority: IOC; IFCC/C-LDA; INN88; CAS10418-03-8  
 [NPU04768]  
 Urine–
- Stimulating substance;  
 presence(IOC 95 Screen)  
 U–Stimulating substance;presence(IOC 95 Screen)=?  
 Authority: IOC; IFCC/C-LDA  
 [NPU03998]  
 Urine–
- Stimulating substance;  
 substance concentration(list; IOC 95 Screen)  
 U–Stimulating substance;subst.c.(list; IOC 95 Screen)  
 [NPU1432] U–Caffeine;subst.c.(IOC 95 Screen;( <60> =  
 60)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 [NPU1514] U–Cathine;subst.c.(IOC 95 Screen;( <30> =30)  
 $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 [NPU1936] U–Ephedrine;subst.c.(IOC 95 Screen;( <30> =  
 30)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 [NPU2772] U–Methylephedrine;subst.c.(IOC 95  
 Screen;( <30> =30)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 [NPU3082] U–Phenylpropanolamine;subst.c.(IOC 95  
 Screen;( <30> =30)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 [NPU3309] U–Pseudoephedrine;subst.c.(IOC 95  
 Screen;( <30> =30)  $\mu\text{mol/l}$ )=?  $\mu\text{mol/l}$   
 Authority: IOC; IFCC/C-LDA  
 [NPU03496]  
 Urine–
- Strychnine;  
 arbitrary concentration(IOC 95 Confirm; 0 1)  
 U–Strychnine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=334.40$  g/mol  
 Authority: IOC; IFCC/C-LDA; CAS57-24-9  
 [NPU03495]  
 Urine–
- Strychnine;  
 arbitrary concentration(IOC 95 Screen; 0 1)  
 U–Strychnine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=334.40$  g/mol  
 Authority: IOC; IFCC/C-LDA; CAS57-24-9  
 [NPU04876]  
 Urine–
- Terbutaline;



- arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Terbutaline;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=225.29$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS23031-25-6  
[NPU04875]  
Urine–
- Terbutaline;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Terbutaline;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=225.29$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS23031-25-6  
[NPU04544]  
Urine–
- Tertatolol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Tertatolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=295.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS34784-64-0  
[NPU04545]  
Urine–
- Tertatolol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Tertatolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=295.44$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS34784-64-0  
[NPU04402]  
Urine–
- Testosterone/Epitestosterone;  
substance ratio increment(IOC 95; dates)  
U–Testosterone/Epitestosterone;subst.ratio incr.(IOC 95;  
dates)=?  
Authority: IOC; IFCC/C-LDA  
[NPU04758]  
Urine–
- Testosterone/Epitestosterone;  
substance ratio(IOC 95 Confirm)  
U–Testosterone/Epitestosterone;subst.ratio(IOC 95  
Confirm)=?  
Authority: IOC; IFCC/C-LDA  
Note: IOC decision limit 6  
[NPU04509]  
Urine–
- Testosterone/Epitestosterone;  
substance ratio(IOC 95 Screen)  
U–Testosterone/Epitestosterone;subst.ratio(IOC 95  
Screen)=?  
Authority: IOC; IFCC/C-LDA  
Note: IOC decision limit 6  
[NPU03547]  
Urine–
- Testosterone;  
substance concentration(IOC 95 Confirm)  
nanomole/litre  
U–Testosterone;subst.c.(IOC 95 Confirm)=? nmol/l  
 $M=288.41$  g/mol  
Authority: IOC; IFCC/C-LDA; IUPAC-IUB 89; CAS58-22-0  
Note: IOC decision limit 700 nmol/l  
[NPU03546]
- Urine–
- Testosterone;  
substance concentration(IOC 95 Screen;( <700> =700)  
nanomole/litre)  
nanomole/litre  
U–Testosterone;subst.c.(IOC 95 Screen;( <700> =700)  
nmol/l)=? nmol/l  
 $M=288.41$  g/mol  
Authority: IOC; IFCC/C-LDA; IUPAC-IUB 89; CAS58-22-0  
Note: IOC decision limit 700 nmol/l  
[NPU04547]  
Urine–
- Timolol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Timolol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=316.42$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS26839-75-8  
[NPU04546]  
Urine–
- Timolol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Timolol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=316.42$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS26839-75-8  
[NPU04553]  
Urine–
- Tramadol;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Tramadol;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=263.39$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS27203-92-5  
[NPU04552]  
Urine–
- Tramadol;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Tramadol;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=263.39$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS27203-92-5  
[NPU04557]  
Urine–
- Tranlycypromine;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Tranlycypromine;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=133.19$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS155-09-9  
[NPU04556]  
Urine–
- Tranlycypromine;  
arbitrary concentration(IOC 95 Screen; 0 1)  
U–Tranlycypromine;arb.c.(IOC 95 Screen; 0 1)=?  
 $M=133.19$  g/mol  
Authority: IOC; IFCC/C-LDA; INN88; CAS155-09-9  
[NPU04409]  
Urine–
- Trenbolone;  
arbitrary concentration(IOC 95 Confirm; 0 1)  
U–Trenbolone;arb.c.(IOC 95 Confirm; 0 1)=?  
 $M=270.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS10161-33-8  
[NPU04410]

Urine–

Trenbolone;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Trenbolone;arb.c.(IOC 95 Screen; 0 1)=?

$M=270.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS10161-33-8

[NPU03614]

Urine–

Triamterene;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Triamterene;arb.c.(IOC 95 Confirm; 0 1)=?

$M=253.26$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS396-01-0

[NPU03613]

Urine–

Triamterene;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Triamterene;arb.c.(IOC 95 Screen; 0 1)=?

$M=253.26$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS396-01-0

[NPU03627]

Urine–

Trimeperidine;

arbitrary concentration(IOC 95 Confirm; 0 1)

U–Trimeperidine;arb.c.(IOC 95 Confirm; 0 1)=?

$M=275.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS64-39-1

[NPU03626]

Urine–

Trimeperidine;

arbitrary concentration(IOC 95 Screen; 0 1)

U–Trimeperidine;arb.c.(IOC 95 Screen; 0 1)=?

$M=275.38$  g/mol

Authority: IOC; IFCC/C-LDA; INN88; CAS64-39-1

## References

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