

EURL GUIDANCE ON SUBSTANCES INCLUDED IN THE SUBSTANCE CATEGORIES LISTED IN ANNEX I of SANTE 2017/11987

1. A1a Stilbenes (EURL WFSR Wageningen)

Cfr. Substances listed for Group A1 in the MMPR Guidance

2. A1b Antithyroid agents (EURL WFSR Wageningen)

Cfr. Substances listed for Group A2 in the MMPR Guidance

3. A1c Steroids (EURL WFSR Wageningen)

Cfr. Substances listed for Group A3 in the MMPR Guidance

- **17b-Testosterone (4-Androsten-17b-ol-3-one)**
- **17a-Testosterone (4-Androsten-17a-ol-3-one)**
- **17a-Boldenone**
- **17b-Boldenone**
- **Clostebol (CLTb) (4-androsten-4-chloro-17β-ol-3-one)**
- **CLAD (4-chloro-4-androst-3,17-dione) (chloorandrosteeendion)**
- **a-Estradiol (17a-Estradiol)**
- **17b-estradiol (17β-estradiol)**
- **Methylboldenone (1,4-Androstadien-17a-methyl-17b-ol-3-one)**
- **17a-Methyltestosterone (4-Androsten-17a-methyl-17b-ol-3-one)**
- **17b-Nortestosterone (b-nandrolone)**
- **17α-Nortestosterone (4-estren-17a-ol-3-one)**
- **Ethinylestradiol (EE2)**
- **17a-Trenbolone**
- **17b-Trenbolone**
- **16b-hydroxy-stanozolol**
- **Megestrol**
- **Melengestrol**
- **Chlormadinone**
- **Medroxyprogesterone**
- **Progesterone (P1) (4-Pregnene-3,20-dione (Pregnen(4)-3,20-dione))**
- **Androsten-17β-ol-3-one [1,(5a)-] (17b-1-testosteron)**
- **Mestranol (Ethinylestradiol 3-methyl ether)**
- **Fluoxymesterone (FMT) (4-androsten-9a-fluoro-17a-methyl-11β,17β-diol-3-one)**
- **DHEA (5-androsten-3b-ol-17-one)**
- **ethyl-5β-estrane-3a,17β-diol [17α-] (EED)**
- **Exemestane (6-Methyleneandrosta-1,4-diene-3,17-dione)**
- **Mesterolone (Androviron)**
- **Dromostanolone (Drostanolone)**
- **2a-Methyl-5a-androstan-3a-ol-17-one (Metabolite of drostanolone)**
- **1a-Methyl-5a-androstan-3a-ol-17-one (Metabolite of mesterolone)**

- 5b-pregnan-3a, 20a-diol (pregnanediol)
- 4-Androstene-3,17-dione (4-Androstenedione)
- Norethandrolone (NETH) (4-Estren-17a-ethyl-17b-ol-3-one)
- Androst-4-ene-,3,6,17-trione
- Norgestrel [D(-)-] (norgestrel)
- Androstadienedione (ADD) (1,4-Androstadiene-3,17-dione (ADD))
- 5a-estran-3a-ol-17-one (19-norandrosterone) (3-Hydroxyestran-17-one)
- 1,(5a)-androst-3,17-dione
- Estrone (E1) (Estratrien-3-ol-17-one)
- methyl-5 β -androstane-3a,17 β -diol [17 α -] (MEAD-I)
- 5 α -dihydrotestosterone (DHT)
- tetrahydrogestrinone (THG)
- 5 α -estran-3 α , 17 β -diol (AAB)
- 5 α -estran-3,17-dione (Norandrostandion) (5 α -dihydroandrostenedione (norandrostandione))
- 5 α -estran-3 α , 17 α -diol (AAA)
- 5a-estran-3a-ol-17-one (Norandrosteron) (19-norandrosterone)
- 5 β -estran-3 β , 17a-diol (BBA)
- 5 α -estran-17 β -ol-3-one ()
- 5 α -estran-3 β , 17 β -diol (ABB)
- 5 β -estran-3 α -ol-17-one (norethiocholanolon) (19-noretiocholanolone)
- 5a-estran-3b, 17a-diol (ABA)
- 5 β -estran-3 α ,17 β -diol (BAB)
- 4-estren-3, 17 dione (norandrostendion) (10-nor-4-androst-3,17-dione)
- 5b-estran-3a,17a-diol (BAA)
- 5(10)-estren-3 β , 17 β -diol (norandrostendiol)
- 5b-estran-3b,17b-diol (BBB)
- 5 β -estran-17 β -ol-3-one (5 β -dihydrandrolone)
- 5a-androstan-3a-ol-17-one (androsterone)
- etiocholanolone (2016.012)
- Norepiandrosterone (5a-estran-3b-ol-17-one) (19-Norepiandrosteron)
- 17a-1-testosterone (5 α -Androst-1-en-17 α -ol-3-one)
- 5a-dihydrandrolone (5a-DHNAN)
- 5b-dihydrandrolone (5b-DHNAN)
- 5a-androstan-3,17-dione
- Methenolone (androst-1 β -methyl-17 β -ol-3-one [1(5 α)-])
- 5a-androst-1-ene-3b,17b-diol (17b-hydroxy-5a- androst-1-en-3-one)
- 5b-Androstan-17a-ol-3-one
- 5a-androstan-17a-ol-3-one (Epiallohdihydrotestosterone)
- 5 α -Androst-1-en-17 α -ol-3-one (metaboliet van 1-testosteron)
- 5 β -estran-3,17-dione (5 β -dihydro 10-norandrostenedione)
- 5 α -androstan-3 β -ol-17-one (epiandrosterone)
- 4-androst-3a,17a-diol
- 5b-estran-17a-ol-3-one (5b-dihydro epinandrolone)
- 5a-estran-17a-ol-3-one (5a-dihydro epinandrolone)
- Formestane (4-Hydroxyandrost-4-ene-3,17-dione)
- Estra-4,9-diene-3,17-dione (4,9-Estradien-3,17-dione)
- 5 β -androstanediol, 3 β ,17 α
- 9-Dehydromethyltestosterone (4,9(11)-Androstadien-17a-methyl-17b-ol-3-one)

- androstan-17 α -methyl-3 β , 17 β -diol [5 α -] (MEAD-II) (Mead [3 β ,5 α -])
- Androsten-17 β -ol-3-one [1,(5 β)-] (17 β ,5 β -1-testosteron)
- androst-5-ene-3 β ,17 β -diol (5-androstenediol)
- Androsterone (5 α -Androstan-3 α -ol-17-one)
- 5 α -androst-16-en-3-one
- 5 α -androstan-2 α , 17 α -dimethyl-17 β -ol-3-one (Methasterone)
- 5 β -androstan-3 α ,17 α -diol (etiocholan-3 α ,17 α -diol)
- 5 α -androstan-3 β ,17 β -diol (17 β -dihydroepiandrosterone)
- 5 α -androstan-3 α ,17 α -diol
- 4-androsten-3 β ,17 β -diol (4-androstenediol)
- Methandriol (5-androsten-17 α -methyl-3 β ,17 β -diol) (methylandrostenediol)
- 4-estren-3 β ,17 β -diol (bolandiol)
- Normethandrolone (methylnortestosteron normethandrone) ('4-estren-17 α -methyl-17 β -ol-3-one)
- 4-Androsten-3,6,17-trione
- Androsta-1,4,6-triene-3,17-dione
- prednisolone
- methylprednisolone
- dexamethasone
- betamethasone
- flumethasone
- triancinolone acetonide
- fluorogestone
- cortisone
- corticosterone

4. A1d Resorcylic acid lactones, including zeranol (EURL WFSR Wageningen)

Cfr. Substances listed for Group A4 in the MMPR Guidance

5. A1e Beta agonists (EURL BVL Berlin)

- Bambuterol
- Bamethane
- **Brombuterol**
- Bromchlorbuterol
- Buctopamine
- Carbuterol-
- Cimaterol
- Cimbuterol
- **Clenbuterol**
- Clencyclohexerol
- Clenhexerol
- Clen-iso-hexerol
- Clenisopenterol
- Clenpenterol
- Clenproperol
- Clorprenalin
- Colterol

- Fenoterol
- Formoterol
- Hydroxymethylclenbuterol
- Isoprenalin
- **Isoxsuprin**
- Labetalol
- Mabuterol
- Mapenterol
- Orciprenaline
- Phenylethanol amine A
- Pirbuterol
- Procaterol
- **Ractopamine**
- Ritodrine
- **Salbutamol**
- Salmeterol
- Sotalol
- Terbutaline
- Tulobuterol
- **Zilpaterol**

6. A2 Table 2 of the Annex to Reg. (EU) No 37/2010 (EURL BVL Berlin and EURL ANSES Fougères and EURL WFSR Wageningen)

Cfr. Table 2 of the Annex to Reg. (EU) No 37/2010 most recent version

List on 18/09/2010:

- Chloramphenicol
- Chlorpromazine
- Colchicine
- Dapsone
- Dimetridazole (HMMNI)
- Metronidazole (MNZOH)
- Nitrofurans (including furazolidone and nifursol)
- Ronidazole

7. A3a Dyes (EURL ANSES Fougères)

- Malachite green (+ LMG)
- Brilliant green (+ LBG)
- Crystal violet (+ LCV)

8. A3b Pesticides and biocides (EURL BVL Berlin)

- Dinotefuran
- Fenthion
- Fipronil

- Imidacloprid
- Indoxacarb
- Methopren
- Propoxur
- Pyriprol

9. A3c Antimicrobial substances (EURL ANSES Fougères)

- Carbadox (QCA & DCBX)
- Olaquinox (MQCA)

10. A3d Coccidiostats and histomonostats (EURL BVL Berlin)

- Ethopabate
- Arprinocid
- Clopidol
- Diaveridine
- Nequinat
- Buquinolate
- Simeton
- 3-Amino-2-methyl-5 nitrobenzamide
- Nitromide
- Dinitolimid
- 2-[3,5-Dichloro-4-[(4-chlorophenyl)methyl]phenyl]-1,2,4-triazine-3,5(2H,4H)-dione
- Clazuril
- Carnidazole
- Ipronidazole (IPZOH)
- Nimorazole
- Ornidazole
- Secnidazole
- Ternidazole
- Tinidazole

11. A3e Protein and peptide hormones (EURL WFSR Wageningen)

- Recombinant Bovine Somatotropine
- Growth hormone releasing peptides, such as GHRP-1, GHRP-2, GHRP-4, GHRP-5, GHRP-6, hexarelin, ipamorelin
- IGF-1, IGF-2, long acting IGF-3

12. A3f Other non-authorized pharmacologically active substances (EURLs BVL Berlin, WFSR Wageningen and ANSES Fougères)

Sedatives

- Cfr. substances listed for Group B2d in the MMPR Guidance
- Benzodiazepines

NSAIDs

- cfr substances listed for Group B2e in the MMPR Guidance,
- Acetanilide
- Alclofenac
- Amfenac
- Antipyrine (Phenazon, Azophenum, Analgesine, Anodynin)
- Azapropazone
- Benzydamine
- Celecoxib
- Deracoxib
- Etodolac
- Etoricoxib
- Fenbufen
- Fenoprofen
- Feprenazon
- Flufenamic acid
- Flurbiprofen
- Ibuprofen
- Indomethacin
- Indoprofen
- Ramiphenazon
- Isoxicam
- Ketorolac
- Meclofenamic acid
- Mefenamic acid
- Nabumetone
- Naproxen
- Niflumic acid
- Nimesulide
- Parecoxib
- Phenacetin
- **Phenylbutazon (Oxyphenbutazon)**
- Piroxicam
- Propyphenazon
- Rofecoxib
- Sulindac
- Suxibuzon
- Tenoxicam
- Tolmetin
- Valdecoxib

13. Group B substances

Cfr. Table 1 of the Annex to Reg. (EU) No 37/2010. Substances included in this table are Group B substances both for matrices for which they are listed and for the matrices for which no MRLs are set.

EURLs responsible for the authorized Group B-substances^{Error! Bookmark not defined.}:

- B1a Antimicrobial substances (EURL ANSES Fougères)
- B1b Insecticides, fungicides, anti-helminthics and anti-parasite agents (EURL BVL Berlin)
- B1c Sedatives (EURL WFSR Wageningen)

- B1d Non-steroidal anti-inflammatory drugs (EURL BVL Berlin)
- B1e Other pharmacologically active substances listed in Table 1 of the Annex to Reg. (EU) No 37/2010 (EURLs BVL Berlin, WFSR Wageningen and ANSES Fougères)
- B2 Coccidiostats and histomonostats¹ (EURL BVL Berlin)

¹ Coccidiostats and histomonostats authorised according to Regulation (EU) No 1831/2003, for which MRLs are set under Union legislation and for which maximum levels are set under Regulation (EC) No 124/2009.