



UFC Anti-Doping Program

# UFC PROHIBITED LIST

Effective January 2021

**UFC PROHIBITED LIST** *Effective January 1, 2021***PART 1.**

Except as provided otherwise in PART 2 below, the *UFC Prohibited List* shall incorporate the most current Prohibited List published by WADA, as well as any WADA Technical Documents establishing decision limits or reporting levels, and, unless otherwise modified by the *UFC Prohibited List* or the *UFC Anti-Doping Policy, Prohibited Substances, Prohibited Methods, Specified or Non-Specified Substances* and *Specified or Non-Specified Methods* shall be as identified as such on the *WADA Prohibited List* or WADA Technical Documents.

**PART 2.**

Notwithstanding the *WADA Prohibited List* and any otherwise applicable WADA Technical Documents, the following modifications shall be in full force and effect:

- 1. Decision Concentration Levels.** *Adverse Analytical Findings* reported at a concentration below the following Decision Concentration Levels shall be managed by USADA as Atypical Findings.
  - Cannabinoids: natural or synthetic delta-9-tetrahydrocannabinol (THC) or Cannabimimetics (e.g., "Spice," JWH-018, JWH-073, HU-210): any level
  - Clomiphene: 0.1 ng/mL<sup>1</sup>
  - Dehydrochloromethyltestosterone (DHCMT) long-term metabolite (M3): 0.1 ng/mL
  - Hydrochlorothiazide (HCTZ) and metabolites, Torsemide: 20 ng/mL (*Out-of-Competition* only)
  - Selective Androgen Receptor Modulators (SARMs): 0.1 ng/mL<sup>2</sup>
  - GW-1516 (GW-501516) metabolites: 0.1 ng/mL
  - Epi trenbolone (Trenbolone metabolite): 0.2 ng/mL
  - Zeranone: 1 ng/mL
  - Zilpaterol: 1 ng/mL
- 2. SARMs/GW-1516:** *Adverse Analytical Findings* reported at a concentration at or above the applicable Decision Concentration Level but under 1 ng/mL shall be managed by USADA as *Specified Substances*.
- 3. Higenamine:** Higenamine shall be a Prohibited Substance under the *UFC Anti-Doping Policy* only *In-Competition* (and not *Out-of-Competition*). The reporting limit for Higenamine shall be the reporting limit established for Higenamine by the WADA Technical Document TDMRPL.
- 4. Intravenous (IV) infusions/injections:** The provision prohibiting the use of certain IV infusions set forth in the *WADA Prohibited List* is modified as follows: Intravenous infusions and/or injections of more than a total of 100 mL per 12-hour period are prohibited at all times, both *In-Competition* and *Out-of-Competition*, except for those legitimately received *In-Competition* or *Out-of-Competition* in the course of hospital treatments, surgical procedures, clinical *diagnostic* investigations, and/or those received *In-Competition* or *Out-of-Competition* that are determined to be medically-justified and within the standard of care by a licensed physician and administered by a licensed medical professional. IV infusions/injections shall be considered a *Specified Method*; provided, however, that, for IV infusions/injections, other than those permitted by the foregoing sentence, the maximum period of *Ineligibility* shall be six months, unless USADA can establish with *Clear and Convincing* evidence that such Use and/or Attempted Use was in conjunction with the Use and/or Attempted Use of other *Prohibited Substances* or *Prohibited Methods*, was intended to *manipulate* the *Athlete's* biological markers to circumvent the rules of the *UFC Anti-Doping Policy* or interfere with Sample analysis, or was otherwise intended to tamper or interfere with Doping Control, including the interpretation of the results of the *Athlete's* Sample or *Athlete Biological Passport*, in which case the *Athlete* may be sanctioned for *Tampering* and/or *Attempted Tampering* and/or the Use and/or Attempted Use of a *Prohibited Method* in accordance with the *UFC Anti-Doping Policy*.
- 5. Substances of Abuse:** The following *Prohibited Substances* shall be considered Substances of Abuse:
  - **CANNABINOIDS:** Natural or synthetic delta-9-tetrahydrocannabinol (THC) and Cannabimimetics (e.g., "Spice," JWH-018, JWH-073, HU-210).
  - **NARCOTICS:** Buprenorphine; Dextromoramide; Diamorphine (heroin); Fentanyl and its derivatives; Hydromorphone; Methadone; Morphine; Nicomorphine; Oxycodone; Oxymorphone; Pentazocine; Pethidine.
  - **STIMULANTS:** Cocaine, methylenedioxymethamphetamine (MDMA, "ecstasy"), dimethylamphetamine (DMA), benzylpiperazine (BZP), methamphetamine (D-), p-methylamphetamine, methylenedioxyamphetamine (MDA).

**PART 3.**

**Certified Supplements.** Any supplement certified by (i)(a) NSF Certified For Sport, (b) Kolner Liste, (c) Informed Sport Trusted by Sport, (d) Informed Choice, (e) HASTA (Human and Supplement Testing Australia) or (f) Banned Substance Control Group (BSCG) or (ii) any other supplement certification organization that has been endorsed and/or approved by a NADO (National Anti-Doping Organization) and mutually agreed to by UFC and USADA and announced to the *Athletes*.

<sup>1,2</sup> If only clomiphene or SARM metabolite(s) are reported, in the absence of any parent compound or with the parent compound below the Decision Concentration Level, the report shall be managed by USADA as an Atypical Finding.

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For the purposes of the application of Article 10 of the *UFC Anti-Doping Policy*, the *UFC Prohibited List* identifies which *Prohibited Substances* are *Specified* or *Non-Specified Substances* and which *Prohibited Methods* are *Specified* or *Non-Specified Methods*. If not otherwise specifically identified on the *UFC Prohibited List*, the identification of a *Prohibited Substance* or *Prohibited Method* as a *Specified* or *Non-Specified Substance* or *Method* in the *WADA Prohibited List* or *Code* shall apply.

All *Prohibited Substances* shall be considered as “*Specified Substances*” except substances in classes **S1**, **S2**, **S4.3**, **S4.4**, **S6.A**, and *Prohibited Methods* **M1**, **M2.1**, and **M3**.

## S0 NON-APPROVED SUBSTANCES

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

All prohibited substances in this class are *Specified Substances*.

Any pharmacological substance which is not addressed by any of the subsequent sections of the List and with no current approval by any governmental regulatory health authority for human therapeutic use (e.g. drugs under pre-clinical or clinical development or discontinued, designer drugs, substances approved only for veterinary use) is prohibited at all times.

## S1 ANABOLIC AGENTS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

All prohibited substances in this class are *Non-Specified Substances*.

Anabolic agents are prohibited.

#### 1. ANABOLIC ANDROGENIC STEROIDS (AAS)

When administered exogenously, including but not limited to:

- 1-Androstenediol (5 $\alpha$ -androst-1-ene-3 $\beta$ , 17 $\beta$ -diol)
- 1-Androstenedione (5 $\alpha$ -androst-1-ene-3,17-dione)
- 1-Androsterone (3 $\alpha$ -hydroxy-5 $\alpha$ -androst-1-ene-17-one)
- 1-Epiandrosterone (3 $\beta$ -hydroxy-5 $\alpha$ -androst-1-ene-17-one)
- 1-Testosterone (17 $\beta$ -hydroxy-5 $\alpha$ -androst-1-en-3-one)
- 4-Androstenediol (androst-4-ene-3 $\beta$ ,17 $\beta$ -diol)
- 4-Hydroxytestosterone (4,17 $\beta$ -dihydroxyandrost-4-en-3-one)
- 5-Androstenedione (androst-5-ene-3,17-dione)
- 7 $\alpha$ -hydroxy-DHEA
- 7 $\beta$ -hydroxy-DHEA
- 7-Keto-DHEA
- 19-Norandrostenediol (estr-4-ene-3,17-diol)
- 19-Norandrostenedione (estr-4-ene-3,17-dione)
- Androstanolone (5 $\alpha$ -dihydrotestosterone, 17 $\beta$ -hydroxy-5 $\alpha$ -androstan-3-one)
- Androstenediol (androst-5-ene-3 $\beta$ ,17 $\beta$ -diol)
- Androstenedione (androst-4-ene-3,17-dione)
- Bolasterone
- Boldenone
- Boldione (androsta-1,4-diene-3,17-dione)
- Calusterone
- Clostebol
- Danazol ([1,2]oxazolo[4',5':2,3]pregna-4-en-20yn-17 $\alpha$ -ol)
- Dehydrochlormethyltestosterone (4-chloro-17 $\beta$ -hydroxy-17 $\alpha$ -methylandrosta-1,4-dien-3-one)
- Desoxymethyltestosterone (17 $\alpha$ -methyl-5 $\alpha$ -androst-2-en-17 $\beta$ -ol and 17 $\alpha$ -methyl-5 $\alpha$ -androst-3-en-17 $\beta$ -ol)
- Drostanolone
- Epiandrosterone (3 $\beta$ -hydroxy-5 $\alpha$ -androstan-17-one)
- Epi-dihydrotestosterone (17 $\beta$ -hydroxy-5 $\alpha$ -androstan-3-one)
- Epi-testosterone
- Ethylestrenol (19-norpregna-4-en-17 $\alpha$ -ol)
- Fluoxymesterone
- Formebolone
- Furazabol (17 $\alpha$ -methyl [1,2,5] oxadiazolo[3',4':2,3]-5 $\alpha$ -androstan-17 $\beta$ -ol)
- Gestrinone

## S1. ANABOLIC ANDROGENIC STEROIDS (AAS) *continued*

- Mestanolone
- Mesterolone
- Metandienone (17 $\beta$ -hydroxy-17 $\alpha$ -methylandrosta-1,4-dien-3-one)
- Metenolone
- Methandriol
- Methasterone (17 $\beta$ -hydroxy-2 $\alpha$ , 17 $\alpha$ -dimethyl-5 $\alpha$ -androst-3-one)
- Methyl-1-testosterone (17 $\beta$ -hydroxy-17 $\alpha$ -methyl-5 $\alpha$ -androst-1-en-3-one)
- Methylclostebol
- Methyldienolone (17 $\beta$ -hydroxy-17 $\alpha$ -methylestra-4,9-dien-3-one)
- Methylnortestosterone (17 $\beta$ -hydroxy-17 $\alpha$ -methylestr-4-en-3-one)
- Methyltestosterone
- Metribolone (methyltrienolone, 17 $\beta$ -hydroxy-17 $\alpha$ -methylestra-4,9,11-trien-3-one)
- Mibolerone
- Nandrolone (19-nortestosterone)
- Norboletone
- Norclostebol (4-chloro-17 $\beta$ -ol-estr-4-en-3-one)
- Norethandrolone
- Oxabolone
- Oxandrolone
- Oxymesterone
- Oxymetholone
- Prasterone (dehydroepiandrosterone, DHEA, 3 $\beta$ -hydroxyandrost-5-en-17-one)
- Prostanazol (17 $\beta$ -[(tetrahydropyran-2-yl)oxy]-1'H-pyrazolo[3,4:2,3]-5 $\alpha$ -androstane)
- Quinbolone
- Stanozolol
- Stenbolone
- Testosterone
- Tetrahydrogestrinone (17-hydroxy-18 $\alpha$ -homo-19-nor-17 $\alpha$ -pregna-4,9,11-trien-3-one)
- Trenbolone (17 $\beta$ -hydroxyestr-4,9,11-trien-3-one)

and other substances with a similar chemical structure or similar biological effect(s).

## 2. OTHER ANABOLIC AGENTS

Including, but not limited to:

Clenbuterol, selective androgen receptor modulators [SARMs, e.g. andarine, LGD-4033 (ligandrol), enobosarm (ostarine) and RAD140], tibolone, zeranol and zilpaterol.

## S2 PEPTIDE HORMONES, GROWTH FACTORS, RELATED SUBSTANCES, AND MIMETICS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

**All prohibited substances in this class are *Non-Specified Substances*.**

The following substances, and other substances with similar chemical structure or similar biological effect(s), are prohibited.

### 1. ERYTHROPOIETINS (EPO) AND AGENTS AFFECTING ERYTHROPOIESIS

Including, but not limited to:

- 1.1** Erythropoietin receptor agonists, e.g. darbepoetins (dEPO); erythropoietins (EPO); EPO-based constructs [e.g. EPO-Fc, methoxy polyethylene glycol-epoetin beta (CERA)]; EPO-mimetic agents and their constructs (e.g. CNTO-530, peginesatide).
- 1.2** Hypoxia-inducible factor (HIF) activating agents, e.g. cobalt; daprodustat (GSK1278863); IOX2; molidustat (BAY 85-3934); roxadustat (FG-4592); vadadustat (AKB-6548); xenon.
- 1.3** GATA inhibitors, e.g. K-11706.

## S2. PEPTIDE HORMONES, GROWTH FACTORS, RELATED SUBSTANCES, AND MIMETICS continued

- 1.4** Transforming growth factor beta (TGF- $\beta$ ) signalling inhibitors, e.g. luspatercept; sotatercept.
- 1.5** Innate repair receptor agonists, e.g. asialo EPO; carbamylated EPO (CEPO).

### 2. PEPTIDE HORMONES AND THEIR RELEASING FACTORS

- 2.1** Chorionic gonadotrophin (CG) and luteinizing hormone (LH) and their releasing factors in males, e.g. buserelin, deslorelin, gonadorelin, goserelin, leuprorelin, nafarelin and triptorelin.
- 2.2** Corticotrophins and their releasing factors, e.g. corticorelin.
- 2.3** Growth hormone (GH), its fragments and releasing factors, including, but not limited to: growth hormone fragments, e.g. AOD-9604 and hGH 176-191; growth hormone-releasing hormone (GHRH) and its analogues, e.g. CJC-1293, CJC-1295, sermorelin and tesamorelin; growth hormone secretagogues (GHS), e.g. lenomorelin (ghrelin) and its mimetics, e.g. anamorelin, ibutamoren, ipamorelin, macimorelin and tabimorelin; GH-releasing peptides (GHRPs), e.g. alexamorelin, GHRP-1, GHRP-2 (pralmorelin), GHRP-3, GHRP-4, GHRP-5, GHRP-6, and examorelin (hexarelin).

### 3. GROWTH FACTORS AND GROWTH FACTOR MODULATORS

Including, but not limited to:

- Fibroblast growth factors (FGFs)
- Hepatocyte growth factor (HGF)
- Insulin-like growth factor 1 (IGF-1) and its analogues
- Mechano growth factors (MGFs)
- Platelet-derived growth factor (PDGF)
- Thymosin- $\beta$ 4 and its derivatives e.g. TB-500
- Vascular endothelial growth factor (VEGF)

and other growth factors or growth factor modulators affecting muscle, tendon or ligament protein synthesis/degradation, vascularisation, energy utilization, regenerative capacity or fibre type switching.

## S3 BETA-2 AGONISTS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

**All prohibited substances in this class are Specified Substances.**

All selective and non-selective beta-2 agonists, including all optical isomers, are prohibited.

Including, but not limited to:

- Arformoterol
- Fenoterol
- Formoterol
- Higenamine (**Prohibited In-Competition only**)
- Indacaterol
- Levosalbutamol
- Olodaterol
- Procaterol
- Reproterol
- Salbutamol
- Salmeterol
- Terbutaline
- Tretioquinol (trimetoquinol)
- Tulobuterol
- Vilanterol

### EXCEPTIONS:

- Inhaled salbutamol: maximum 1600 micrograms over 24 hours in divided doses not to exceed 800 micrograms over 12 hours starting from any dose;
- Inhaled formoterol: maximum delivered dose of 54 micrograms over 24 hours;
- Inhaled salmeterol: maximum 200 micrograms over 24 hours;
- Inhaled vilanterol: maximum 25 micrograms over 24 hours.

**NOTE:** The presence in urine of salbutamol in excess of 1000 ng/mL or formoterol in excess of 40 ng/mL is not consistent with therapeutic use of the substance and will be considered as an Adverse Analytical Finding (AAF) unless the Athlete proves, through a controlled pharmacokinetic study, that the abnormal result was the consequence of a therapeutic dose (by inhalation) up to the maximum dose indicated above.

## S4 HORMONE AND METABOLIC MODULATORS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

Prohibited substances in classes S4.1 and S4.2 are *Specified Substances*. Those in classes S4.3 and S4.4 are *Non-Specified Substances*.

The following hormone and metabolic modulators are prohibited.

#### 1. AROMATASE INHIBITORS

Including, but not limited to:

- 2-Androst-enol (5 $\alpha$ -androst-2-en-17-ol)
- 2-Androst-enone (5 $\alpha$ -androst-2-en-17-one)
- 3-Androst-enol (5 $\alpha$ -androst-3-en-17-ol)
- 3-Androst-enone (5 $\alpha$ -androst-3-en-17-one)
- 4-Androstene-3,6,17 trione (6-oxo)
- Aminoglutethimide
- Anastrozole
- Androsta-1,4,6-triene-3,17-dione (androstatrienedione)
- Androsta-3,5-diene-7,17-dione (arimistane)
- Exemestane
- Formestane
- Letrozole
- Testolactone

#### 2. ANTI-ESTROGENIC SUBSTANCES [ANTI-ESTROGENS AND SELECTIVE ESTROGEN RECEPTOR MODULATORS (SERMS)]

Including, but not limited to:

- Bazedoxifene
- Clomifene
- Cyclofenil
- Fulvestrant
- Ospemifene
- Raloxifene
- Tamoxifen
- Toremifene

#### 3. AGENTS PREVENTING ACTIVIN RECEPTOR IIB ACTIVATION

Including, but not limited to:

- Activin A-neutralizing antibodies
- Activin receptor IIB competitors such as:
  - Decoy activin receptors (e.g. ACE-O31)
- Anti-activin receptor IIB antibodies (e.g. bimagrumb)
- Myostatin inhibitors such as:
  - Agents reducing or ablating myostatin expression
  - Myostatin-binding proteins (e.g. follistatin, myostatin propeptide)
  - Myostatin-neutralizing antibodies (e.g. domagrozumab, landogrozumab, stamulumab)

#### 4. METABOLIC MODULATORS

- 4.1** Activators of the AMP-activated protein kinase (AMPK), e.g. AICAR, SR9009; and peroxisome proliferator-activated receptor delta (PPAR $\delta$ ) agonists, e.g., 2-(2-methyl-4-((4-methyl-2-(4-(trifluoromethyl)phenyl)thiazol-5-yl)methylthio)phenoxy) acetic acid (GW1516, GW501516)
- 4.2** Insulins and insulin-mimetics
- 4.3** Meldonium
- 4.4** Trimetazidine



## S5 DIURETICS AND MASKING AGENTS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

All prohibited methods in this class are *Specified Substances*.

The following diuretics and masking agents are prohibited, as are other substances with a similar chemical structure or similar biological effect(s).

Including, but not limited to:

- Desmopressin; probenecid; plasma expanders, e.g. intravenous administration of albumin, dextran, hydroxyethyl starch and mannitol.
- Acetazolamide; amiloride; bumetanide; canrenone; chlortalidone; etacrynic acid; furosemide; indapamide; metolazone; spironolactone; thiazides, e.g. bendroflumethiazide, chlorothiazide and hydrochlorothiazide; triamterene and vaptans, e.g. tolvaptan.

### EXCEPTIONS:

- Drospirenone; pamabrom; and topical ophthalmic administration of carbonic anhydrase inhibitors (e.g. dorzolamide, brinzolamide);
- Local administration of felypressin in dental anaesthesia.

**NOTE:** The detection in an Athlete's Sample at all times or In-Competition, as applicable, of any quantity of the following substances subject to threshold limits: formoterol, salbutamol, cathine, ephedrine, methylephedrine and pseudoephedrine, in conjunction with a diuretic or masking agent, will be considered as an Adverse Analytical Finding (AAF) unless the Athlete has an approved Therapeutic Use Exemption (TUE) for that substance in addition to the one granted for the diuretic or masking agent.

## PROHIBITED METHODS

### PROHIBITED AT ALL TIMES (IN- AND OUT-OF-COMPETITION)

All prohibited methods in this class are *Non-Specified* except methods in M2.2. which are *Specified Methods*.

#### M1. MANIPULATION OF BLOOD AND BLOOD COMPONENTS

The following are prohibited:

1. The *Administration* or reintroduction of any quantity of autologous, allogenic (homologous) or heterologous blood, or red blood cell products of any origin into the circulatory system.
2. Artificially enhancing the uptake, transport or delivery of oxygen. Including, but not limited to:  
Perfluorochemicals; efaproxiral (RSR13) and modified haemoglobin products, e.g. haemoglobin-based blood substitutes and microencapsulated haemoglobin products, excluding supplemental oxygen by inhalation.
3. Any form of intravascular manipulation of the blood or blood components by physical or chemical means.

#### M2. CHEMICAL AND PHYSICAL MANIPULATION

The following are prohibited:

1. *Tampering, or Attempting to Tamper*, to alter the integrity and validity of *Samples* collected during *Doping Control*.  
Including, but not limited to:  
*Sample* substitution and/or adulteration, e.g. addition of proteases to *Sample*.
2. Intravenous infusions and/or injections of more than a total of 100 mL per 12-hour period except for those legitimately received in the course of hospital treatments, surgical procedures, clinical diagnostic investigations, and/or those that are determined to be medically justified and within the standard of care by a licensed physician and administered by a licensed medical professional.



### M3. GENE AND CELL DOPING

The following, with the potential to enhance sport performance, are prohibited:

1. The use of nucleic acids or nucleic acid analogues that may alter genome sequences and/or alter gene expression by any mechanism. This includes but is not limited to gene editing, gene silencing and gene transfer technologies.
2. The use of normal or genetically modified cells.

## S6 STIMULANTS

### PROHIBITED IN-COMPETITION

All prohibited substances in this class are *Specified Substances* except those in S6.A, which are *Non-Specified Substances*. **Substances of Abuse** in this section: cocaine, methylenedioxymethamphetamine (MDMA, "ectasy"), dimethylamphetamine (DMA), benzylpiperazine (BZP), methamphetamine (D-), p-methylamphetamine, methylenedioxyamphetamine (MDA).

All stimulants, including all optical isomers, e.g. d- and l- where relevant, are prohibited. Stimulants include:

#### A: NON-SPECIFIED STIMULANTS

- Adrafinil
- Amfepramone
- Amphetamine
- Amfetaminil
- Amiphenazole
- Benfluorex
- Benzylpiperazine
- Bromantan
- Clobenzorex
- Cocaine
- Cropropamide
- Crotetamide
- Fencamine
- Fenetylline
- Fenfluramine
- Fenproporex
- Fonturacetam  
[4-phenylpiracetam (carphedon)]
- Furfenorex
- Lisdexamfetamine
- Mefenorex
- Mephentermine
- Mesocarb
- Metamfetamine(d-)
- p-methylamphetamine
- Modafinil
- Norfenfluramine
- Phendimetrazine
- Phentermine
- Prenylamine
- Prolintane

A stimulant not expressly listed in this section is a *Specified Substance*.

#### B: SPECIFIED STIMULANTS

Including, but not limited to:

- 3-Methylhexan-2-amine  
(1,2-dimethylpentylamine)
- 4-Methylhexan-2-amine  
(methylhexaneamine)
- 4-Methylpentan-2-amine  
(1,3-dimethylbutylamine)
- 5-Methylhexan-2-amine  
(1,4-dimethylpentylamine)
- Benzfetamine
- Cathine\*\*
- Cathinone and its analogues, e.g. mephedrone, methedrone, and  $\alpha$ -pyrrolidinovalerophenone
- Dimetamfetamine  
(dimethylamphetamine)
- Ephedrine\*\*\*
- Epinephrine\*\*\*\* (adrenaline)
- Etamivan
- Etilamfetamine
- Etilefrine
- Famprofazone
- Fenbutrazate
- Fencamfamin
- Heptaminol
- Hydroxyamfetamine  
(parahydroxyamphetamine)
- Isometheptene
- Levmetamfetamine
- Meclofenoxate
- Methylenedioxyamfetamine
- Methylephedrine\*\*\*
- Methylphenidate
- Nikethamide
- Norfenefrine
- Octodrine (1,5-dimethylhex-ylamine)

**B. SPECIFIED STIMULANTS** *continued*

- Octopamine
- Oxilofrine (methysynephrine)
- Pemoline
- Pentetrazol
- Phenethylamine and its derivatives
- Phenmetrazine
- Phenpromethamine
- Propylhexedrine
- Pseudoephedrine\*\*\*\*\*
- Selegiline
- Sibutramine
- Strychnine
- Tenamfetamine (methylenedioxyamphet-amine)
- Tuaminoheptane

and other substances with a similar chemical structure or similar biological effect(s).

**EXCEPTIONS:**

- Clonidine;
- Imidazole derivatives for dermatological, nasal or ophthalmic use (e.g. brimonidine, clonazoline, fenoxazoline, indanazoline, naphazoline, oxymetazoline, xylometazoline) and those stimulants included in the 2021 Monitoring Program\*.
  - \* Bupropion, caffeine, nicotine, phenylephrine, phenylpropanolamine, pipradrol, and synephrine: These substances are included in the 2021 Monitoring Program and are not considered Prohibited Substances.
  - \*\* Cathine: Prohibited when its concentration in urine is greater than 5 micrograms per millilitre.
  - \*\*\* Ephedrine and methylephedrine: Prohibited when the concentration of either in urine is greater than 10 micrograms per millilitre.
  - \*\*\*\* Epinephrine (adrenaline): Not prohibited in local administration, e.g. nasal, ophthalmologic, or co-administration with local anaesthetic agents.
  - \*\*\*\*\* Pseudoephedrine: Prohibited when its concentration in urine is greater than 150 micrograms per millilitre.

**S7 NARCOTICS****PROHIBITED IN-COMPETITION**

**All substances in this class are *Specified Substances* and are considered *Substances of Abuse*.**

*The following narcotics, including all optical isomers, e.g. d- and l- where relevant, are prohibited.*

- Buprenorphine
- Dextromoramide
- Diamorphine (heroin)
- Fentanyl and its derivatives
- Hydromorphone
- Methadone
- Morphine
- Nicomorphine
- Oxycodone
- Oxymorphone
- Pentazocine
- Pethidine

**S8 CANNABINOIDS****PROHIBITED IN-COMPETITION**

**All substances in this class are *Specified Substances* and are considered *Substances of Abuse*.**

- Cannabinoids: natural or synthetic delta-9-tetrahydrocannabinol (THC) or Cannabimimetics (e.g., "Spice," JWH-018, JWH-073, HU-210)

## S9 GLUCOCORTICIDS

### PROHIBITED IN-COMPETITION

All prohibited substances in this class are **Specified Substances**.

All glucocorticoids are prohibited when administered by oral, intravenous, intramuscular or rectal route.

Including, but not limited to:

- Beclometasone
- Betamethasone
- Budesonide
- Ciclesonide
- Cortisone
- Deflazacort
- Dexamethasone
- Flucortolone
- Flunisolide
- Fluticasone
- Hydrocortisone
- Methylprednisolone
- Mometasone
- Prednisolone
- Prednisone
- Triamcinolone acetonide