

# **Banned Substances 2022-2023**

It is the student athlete's responsibility to check with the appropriate or designated athletic staff before using any substance.

#### The NJSIAA bans the following drug classes.

- 1. Stimulants
- 2. Anabolic agents
- 3. Alcohol and beta-blockers
- 4. Diuretics and other masking agents
- 5. Narcotics
- 6. Cannabinoids
- 7. Peptide hormones, growth factors, related substances and mimetics
- 8. Hormone and metabolic modulators
- 9. Beta-2 agonists

Note: Any substance chemically/pharmacologically related to all classes listed above and with no current approval by any governmental regulatory health authority for human therapeutic use (e.g., drugs under preclinical or clinical development or discontinued, designer drugs, substances approved only for veterinary use) is also banned. The institution and the student-athlete shall be held accountable for all drugs within the banned drug class regardless of whether they have been specifically identified. There is no complete list of banned substances.

### **Substances and Methods Subject to Restrictions:**

- 1. Blood and gene doping.
- 2. Local anesthetics (permitted under some conditions).
- 3. Manipulation of urine samples.
- 4. Beta-2 agonists (permitted only by inhalation with prescription).
- 5. Tampering of urine samples.

## NJSIAA Nutritional/Dietary Supplements:

Before consuming any nutritional/dietary supplement product, review the product and its label with your athletic department staff. Many nutritional and dietary supplements are contaminated with banned substances not listed on the label.

- 1. Nutritional/dietary supplements, including vitamins and minerals, are not well regulated and may cause a positive drug test.
- 2. Student-athletes have tested positive and lost their eligibility using nutritional/dietary supplements.
- 3. Any product containing a nutritional/dietary supplement ingredient is taken at your own risk.

Athletics department staff should provide guidance to student-athletes about supplement use, including a directive to have any product checked by qualified staff members before consumption. The NJSIAA subscribes only to Drug Free Sport AXIS for authoritative review of label ingredients in medications and nutritional/dietary supplements. Contact the Drug Free Sport AXIS at 816-474-7321 or <a href="mailto:dfsaxis.com">dfsaxis.com</a> (password: njsports).

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The following are some examples of substances in each of the nine (9) banned drug classes. There is no complete list of banned substances. Do not rely on this list to rule out any labeled ingredient. Any substance that is chemically related to one of the below classes, even if it is not listed as an example, is also banned.

It is your responsibility to check with the appropriate or designated athletic staff before using any substance. Many nutritional and dietary supplements are contaminated with banned substances not listed on the label. Information about ingredients in medications and nutritional/dietary supplements can be obtained by contacting Drug Free Sport AXIS at 816-474-7321 or <a href="dfsaxis.com">dfsaxis.com</a> (password: njsports).

#### 1. Stimulants

Amphetamine (Adderall)	Methylhexanamine (DMAA; Forthane)
Caffeine (Guarana)	Methylphenidate (Ritalin)
Cocaine	Mephedrone (bath salts)
Dimethylbutylamine (DMBA; AMP)	Modafinil
Dimethylhexylamine (DMHA; Octodrine)	Octopamine
Ephedrine	Phenethylamines (PEAs)
Heptaminol	Phentermine
Hordenine	Synephrine (bitter orange)
Methamphetamine	

Exceptions: Phenylephrine and Pseudoephedrine are not banned.

2. Anabolic Agents

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Androstenedione	Methasterone
Boldenone	Nandrolone
Clenbuterol	Norandrostenedione
DHCMT (Oral Turinabol)	Oxandrolone
DHEA (7-Keto)	SARMS [Ligandrol (LGD-4033); Ostarine; RAD140;
Drostanolone	S-23] Stanozolol
Epitrenbolone	Stenbolone
Etiocholanolone	Testosterone
Methandienone	Trenbolone

#### 3. Alcohol and Beta Blockers

Alcohol	Pindolol
Atenolol	Propranolol
Metoprolol	Timolol
Nadolol	

4. Diuretics and Masking Agents

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Bumetanide	Probenecid
Chlorothiazide	Spironolactone (canrenone)
Furosemide	Triamterene
Hydrochlorothiazide	Trichlormethiazide

**Exceptions: Finasteride is not banned** 

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## 5. Narcotics

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

## 6. Cannabinoids

Marijuana	Tetrahydrocannabinol (THC)
Synthetic cannabinoids (Spice; K2; JWH-018; JWH-	
073)	

7. Peptide Hormones, growth factors, related substances, and mimetics

Growth hormone (hGH)	IGF-1 (colostrum; deer antler velvet)
Human Chorionic Gonadotropin (hCG)	Ibutamoren (MK-677)
Erythropoietin (EPO)	

Exceptions: Insulin, Synthroid, and Forteo are not banned.

## 8. Hormone and Metabolic Modulators

Aromatase Inhibitors [Anastrozole (Arimidex); ATD (androstatrienedione); Formestane; Letrozole]
Clomiphene (Clomid)
Fulvestrant
GW1516 (Cardarine; Endurobol)
SERMS [Raloxifene (Evista); Tamoxifen (Nolvadex)]

9. Beta-2 Agonists

Bambuterol	Norcoclaurine
Formoterol	Salbutamol
Higenamine	Salmeterol

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