

**Study Purpose:**

To demonstrate no presence of banned anabolic or stimulant substances in the Eniva UltraSHOT nutraceuticals as related to amateur and professional sports competition.

Background information:

The importance of nutritional and nutrient support for both the amateur and professional athlete has gained significant interest in recent years. There is clear and strong scientific evidence which supports the use of nutrient intervention to help optimize athletic performance. This ranges from appropriate caloric and essential nutrient intake, to the use of non-essential nutrients and substances to help achieve specific athletic goals. However, with the passage of time, certain substances have been recognized as providing the athlete unnatural and unfair advantage in relation to harnessing athletic potential when participating in regulated athletic competition. In addition, several of these same substances have been recognized as possessing serious health hazards. Two broad chemical categories of such substances include anabolic and stimulant agents, each then containing certain unauthorized substances. Because of these concerns, specific athletic-focused testing agencies have been created to help protect the health of athletes and regulate athletic nutritional support products to ensure they do not contain inappropriate substances which could alter the fairness of regulated athletic competition. As the regulation of both amateur and professional sports continues to tighten, the testing results of nutritional support products for banned substances will be an important factor for athletes involved in regulated competition.

Study Design/Methods:

The Eniva UltraSHOT Nutraceuticals were sent to Global Lifescience Solutions, an NSF International Company, for third-party independent analysis via appropriate in vitro laboratory means for evaluation of the presence of banned anabolic and stimulant substances, as identified by both amateur and professional sports organizations (IOC, NFL, NCAA, MLB and WADA).

– See page 10 for the listing of banned substances. –

Results:

No banned anabolic or stimulant substances were detected* in the Eniva UltraSHOT nutraceutical.

TEST REPORT

Sample Description: Ultrashot Energy Drink,
Test Type: SS - Special Testing

Thank you for having your product tested by NSF.

The enclosed report details the result of the testing performed on your product. Your program representative will be contacting you in the near future if there are any remaining issues concerning the status of this product.

Please do not hesitate to contact us if you have any immediate questions pertaining to your product.

Reviewer: Technition on file

Status: **Complete**

Program Rep CASEY E. COY
Region: 01 - Domestic
PA Project: 9068168

General InformationStandard: 0000 - ALL STANDARDS

Sample Id: **S-0000663140**
Description: Ultrashot Energy Drink,
Sampled Date: 06/05/2009
Received Date: 06/05/2009

Testing Parameter	Result	Units
General Information		
* Std 454 Dietary Supplements LAB SUM TEST Code		
Lot Number	524900	
Contaminants		
* Drugs of Abuse by LC/MS in Product		
Codeine	ND(40)	ng/g
Morphine	ND(50)	ng/g
Delta-9-THC	ND(20)	ng/g
Phencyclidine(PCP)	ND(30)	ng/g
* Beta-Agonists by LC/MS in Product		
Bambuterol	ND(30)	ng/g
Brombuterol	ND(30)	ng/g
Clenbuterol	ND(30)	ng/g
Fenoterol	ND(40)	ng/g
Formoterol	ND(30)	ng/g
Procaterol	ND(30)	ng/g
Salbutamol	ND(30)	ng/g
Salmeterol	ND(20)	ng/g
Terbutaline	ND(30)	ng/g
* Diuretics by LC/MS in Product		
Acetazolamide	ND(20)	ng/g
Amiloride	ND(40)	ng/g
Bendroflumethiazide	ND(10)	ng/g
Benzthiazide	ND(10)	ng/g
Bumetanide	ND(10)	ng/g
Chlorthalidone	ND(30)	ng/g
Chlorthiazide	ND(20)	ng/g
Cyclothiazide	ND(10)	ng/g
Ethacrynic acid	ND(10)	ng/g
Furosemide	ND(10)	ng/g
Hydrochlorothiazide	ND(20)	ng/g
Hydroflumethiazide	ND(10)	ng/g
Indapamide	ND(10)	ng/g
Methylclothiazide	ND(10)	ng/g
Metolazone	ND(10)	ng/g
Polythiazide	ND(10)	ng/g
Quinethazone	ND(20)	ng/g
Spironolactone	ND(20)	ng/g
Triamterene	ND(40)	ng/g
Trichlormethiazide	ND(10)	ng/g
* Masking Agents by GC/MS and LC/MS in Product		
Epitestosterone	ND(10)	ng/g
Finasteride	ND(20)	ng/g
Probenicid	ND(10)	ng/g
Hormone Antagonists by LC/MS		
Clomiphene	ND(20)	ng/g
Cyclofenil	ND(20)	ng/g

Sample Id: **S-0000663140 (Cont'd)**

Testing Parameter	Result	Units
Contaminants (Cont'd)		
Fulvestrant	ND(20)	ng/g
Raloxifene	ND(30)	ng/g
Tamoxifen	ND(20)	ng/g
* Anabolic Agents by GC/MS and LC/MS in Product		
1-Androstendiol	ND(10)	ng/g
1-Androstendione	ND(10)	ng/g
4-Androstenediol	ND(10)	ng/g
Androstenediol	ND(10)	ng/g
4-Androstenedione	ND(10)	ng/g
Androsterone	ND(10)	ng/g
4-Androsten-3,6,17-trione	ND(10)	ng/g
4-Androsten-3a, 17β-diol	ND(10)	ng/g
4-Androsten-3β, 17a-diol	ND(10)	ng/g
5-Androsten-3, 17-dione	ND(10)	ng/g
5-Androsten-3β, 17a-diol	ND(10)	ng/g
5a-Androstan-3a, 17a-diol	ND(10)	ng/g
5a-Androstan-3a, 17β-diol	ND(10)	ng/g
5a-Androstan-3β, 17a-diol	ND(10)	ng/g
5a-Androstan-3β, 17β-diol	ND(10)	ng/g
Bolandiol	ND(10)	ng/g
Bolasterone	ND(10)	ng/g
Boldenone	ND(10)	ng/g
Boldione	ND(10)	ng/g
Calusterone	ND(10)	ng/g
Clostebol	ND(10)	ng/g
Danazol	ND(10)	ng/g
Dehydroepiandrosterone	ND(20)	ng/g
Dihydrotestosterone	ND(10)	ng/g
Drostanolone	ND(10)	ng/g
Ethylestrenol	ND(10)	ng/g
Fluoxymesterone	ND(10)	ng/g
Gestrinone	ND(10)	ng/g
17-Hydroxyprogesterone	ND(10)	ng/g
4-Hydroxytestosterone	ND(10)	ng/g
Mestanolone	ND(10)	ng/g
Mesterolone	ND(10)	ng/g
Methandienone	ND(10)	ng/g
Methandriol	ND(10)	ng/g
Methenolone	ND(10)	ng/g
Methylnortestosterone	ND(10)	ng/g
Methyltestosterone	ND(10)	ng/g
Mibolerone	ND(10)	ng/g
Nandrolone	ND(10)	ng/g
19-Norandrostenedione	ND(10)	ng/g
19-Norandrosterone	ND(10)	ng/g
Norclostebol	ND(10)	ng/g
Norethandrolone	ND(10)	ng/g
Oxandrolone	ND(10)	ng/g
Oxymesterone	ND(10)	ng/g
Oxymetholone	ND(10)	ng/g
Progesterone	ND(10)	ng/g

Sample Id: S-0000663140 (Cont'd)

Testing Parameter	Result	Units
Contaminants (Cont'd)		
Stanozolol	ND(10)	ng/g
Testosterone	ND(10)	ng/g
1-Testosterone	ND(10)	ng/g
Tetrahydrogestrinone	ND(10)	ng/g
Tibolone	ND(10)	ng/g
Trenbolone	ND(10)	ng/g
Zeranol (alpha-Zearalanol)	ND(20)	ng/g
* Stimulants by LC/MS in Product		
Adrafinil	ND(40)	ng/g
Aminoglutethimide	ND(10)	ng/g
6-Amino-2-methyl-heptanol	ND(30)	ng/g
Amphetamine	ND(30)	ng/g
Benzphetamine	ND(30)	ng/g
p-Chloroamphetamine	ND(30)	ng/g
Cocaine	ND(30)	ng/g
Deprenyl	ND(30)	ng/g
Diethylpropion	ND(30)	ng/g
Ephedrine	ND(30)	ng/g
Ethylamphetamine	ND(30)	ng/g
Famprofazone	ND(20)	ng/g
Fencamfamine	ND(30)	ng/g
Fenfluramine	ND(30)	ng/g
Methamphetamine	ND(30)	ng/g
3,4-MDA	ND(30)	ng/g
3,4-MDMA	ND(30)	ng/g
Mephentermine	ND(30)	ng/g
Methylephedrine	ND(30)	ng/g
Methylphenidate	ND(30)	ng/g
Modafinil	ND(30)	ng/g
Octopamine	ND(40)	ng/g
Pemoline	ND(30)	ng/g
Phendimetrazine	ND(30)	ng/g
Phenmetrazine	ND(30)	ng/g
Phentermine	ND(40)	ng/g
Phenylpropanolamine	ND(30)	ng/g
Propylhexadrine	ND(30)	ng/g
Pseudoephedrine	ND(30)	ng/g
Strychnine	ND(40)	ng/g
Synephrine	ND(30)	ng/g

Sample Notes [S-0000663140]:

Compounds not detected are stated in the results as ND, where the number that follows represents the detection level for the compound.

The detection level is specific to the product sample being tested. The levels are established by recovery experiments where known banned substances are intentionally added to a sub sample of the material and testing is performed to show that the method is valid for the sample matrix being tested. This is considered a spike sample. A non-spiked sample is ran. Both the analysis of the non-spiked and the spiked sample support the analysis result. For example, a result of ND(40) ng/g is interpreted that the compound was not detected at a level at or above 40 ng/g, which is the same as less than 40 parts per billion.

Sample Id: S-0000663140 (Cont'd)

Job Notes:

NSF International's 17025 accreditation scope is currently applicable to only tests which require an identical process for each sample type. The athletic banned substance testing is performed with the assumption that each sample is unique and method validation steps that are specific to the product being tested are included as part of the analysis process. This ensures reliability in the results and that the stated detection levels are directly applicable to the product formulation being evaluated.

Testing Laboratories:

	<u>Id</u>	<u>Address</u>
All work performed at: →	NSF_AA	NSF INTERNATIONAL 789 N. DIXBORO ROAD ANN ARBOR MI 48105

References to Testing Procedures:

<u>NSF Reference</u>	<u>Parameter / Test Description</u>
C0181	* Drugs of Abuse by LC/MS in Product
C0182	* Beta-Agonists by LC/MS in Product
C0183	* Diuretics by LC/MS in Product
C0184	* Masking Agents by GC/MS and LC/MS in Product
C0283	Hormone Antagonists by LC/MS
C0432	* Anabolic Agents by GC/MS and LC/MS in Product
C1032	* Std 454 Dietary Supplements LAB SUM TEST Code
C4037	* Stimulants by LC/MS in Product

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.

Discussion:

The Eniva UltraSHOT nutraceutical was specifically formulated to have an absence of banned anabolic and stimulant agents which could alter the fairness of regulated athletic competition. This testing result is a demonstration of specific formulation design.

As the use of nutritional support products grows, athletes need be aware of such testing results so as not to jeopardize their eligibility to compete at high levels of athletic competition due to inadvertent ingestion of banned substances.

These testing results of the UltraSHOT nutraceutical reassures athletes seeking to use UltraSHOT as a broad spectrum antioxidant and multivitamin nutritional support product to aid in their athletic endeavors that it contains no banned substances, as demonstrated by this report.

ANABOLIC AGENTS

Detection limit: 10 nanograms per gram

- androstenedione
- androst-1-enedione (1-AD) (androstenedione)
- androst-4-enedione
- androst-5-enedione
- 5-alpha-androstane-3-alpha,17-beta-diol
- 5-beta-androstane-3-alpha,17-beta-diol
- 5-alpha-androstane-3-beta,17-beta-diol
- 5-beta-androstane-3-beta,17-beta-diol
- androst-1-ene-3-alpha,17-beta-diol
- androst-1-ene-3-beta,17-beta-diol
- androst-4-enediol
- androst-5-enediol
- 5-alpha-dihydrotestosterone
- 5-alpha-androst-1-en-17-beta-ol-3-one (1- testosterone)
- androsta-1,4-dienone (boldione)
- bolasterone
- boldenone
- clostebol
- clenbuterol
- danazol
- dehydrochloromethyltestosterone
- dehydroepiandrosterone (DHEA)
- drostanolone
- epitestosterone
- fluoxymesterone
- 4-hydroxytestosterone (testosterone-OH)
- 4-hydroxy-19-nortestosterone (oxabolone)
- mestanolone
- mesterolone
- methandienone
- metenolone
- methandriol
- methyltestosterone
- mibolerone
- nandrolone (19-nortestosterone)
- 19-norandrost-4-enediol
- 19-norandrost-5-enediol
- 19-norandrost-4-enedione
- 19-norandrost-5-enedione
- norbolethone
- norethandrolone

- oxandrolone
- oxymesterone
- oxymetholone
- stenbolone
- testosterone
- zeranol

STIMULANT AGENTS

Detection limit: 100 nanograms per gram

- adrafinil
- amfepramone
- amphetamine
- amphetaminil
- benzphetamine
- bromantan
- cathine
- clobenzorex
- dimethylamphetamine
- ephedrine
- etilamphetamine
- etilefrine
- fencamfamin
- fenfluramine
- fenproporex
- mefenorex
- mephentermine
- methamphetamine
- methylenedioxyamphetamine
- methylenedioxymethamphetamine (MDMA)
- methylephedrine
- methylphenidate
- modafinil
- nikethamide
- norfenfluramine
- parahydroxyamphetamine
- phendimetrazine
- phenmetrazine
- phentermine
- prolintane