

ZePräDo



Zentrum für präventive Dopingforschung

Institut für Biochemie
 Akkreditierung nach ISO/EC 17025:2005
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KÖLN, 17.03.2008

Analysis Report S2008000644

On request of Agel International, Springville, UT 84663, the following nutritional supplements, date of receipt 27.02.2008, were analysed for anabolic androgenic steroids and stimulants:

Lab Code	Product name	Batch No	Exp date	Brief Description
40 042/08	OHM star fruit flavour	072671-A2	09/2008	Brown gel in silver packet with varicoloured imprint
40 043/08	MIN berry punch flavor	072351-A1	02/2008	Light red gel in silver packet with varicoloured imprint
40 044/08	EXO purple grape flavor	072741-A2	10/08	Ruby coloured gel in silver packet with varicoloured imprint
40 045/08	FIT lemon meringue flavor	PTO07229 23:59	08/2008	Light yellow gel in silver packet with varicoloured imprint
40 046/08	UMI green apple flavor	072551-A2	09/08	Light green gel in silver packet with varicoloured imprint
40 047/08	FLX citrus fruit flavor	072693-B4	09/08	Light yellow gel in silver packet with varicoloured imprint
40 048/08	PRO strawberry banana flavour	073163-A4	11/08	Yellow gel in silver packet with varicoloured imprint
40 049/08	PRO chocolate truffle flavor	073022-A4	10/08	Light brown gel in silver packet with varicoloured imprint
40 050/08	HRT butterscotch flavour	072752-B4	10/08	Light brown gel in silver packet with varicoloured imprint

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Analysis:

The analysis for anabolic androgenic steroids was performed with gas chromatography/ mass spectrometry (see annex).

The analysis for stimulants was performed with liquid chromatography/ mass spectrometry (see annex).

Results:

40 042/08-40 050/08 Anabolic androgenic steroids:	Not detected
40 042/08-40 050/08 Stimulants:	Not detected



Dr. Maria Kristina Parr
(Senior Chemist)

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Annex S2008000644

Anabolic androgenic Steroids (GC-MS)

Aliquots of 1 g of 40 042/08-40 050/08 were analysed with gas chromatography/ mass spectrometry for the following anabolic androgenic steroids (reporting level 10 ng/g):

19-Nor-4-androstene-3 β ,17 β -diol,

19-Nor-5-androstene-3 β ,17 β -diol,

19-Nor-4-androstene-3,17-dion,

19-Nortestosterone,

4-Androstene-3 β ,17 β -diol,

5 Androstene-3 β ,17 β -diol,

4-Androstene-3,17-dion,

Dehydroepiandrosterone (DHEA),

Testosterone,

5 α -Androstane-3 β ,17 β -diol

Androstadiendione.

Stimulants (LC-MS/MS)

Aliquots of 1 g of 40 042/08-40 050/08 were analysed by liquid chromatography / mass spectrometry for the stimulants (reporting level 100 ng/g):

Ephedrine,

Pseudoephedrine,

Norephedrine,

Norpseudoephedrine,

Methylephedrine,

Methylpseudoephedrine,

Amphetamine,

Metamphetamine,

Dimetamphetamine,

Methylendioxoamphetamine,

Methylendioxometamphetamine,

Methylendioxoethylamphetamine,

Benzphetamine,

Fenfluramine,

Strychnine.

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