



CERTIFICATE OF ANALYSIS

LOT NUMBER:
PTG0006

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PRODUCT NAME:
TETRAHOP GOLD®

Description

Tetrahop Gold® is an aqueous, alkaline solution of the potassium salts of tetrahydro-iso- α -acids. It is produced from a CO₂ extract of hops and is intended for use in beer or other food products.

Storage

Tetrahop Gold® should be stored at 15°- 25°C (60°-75°F), in original unopened containers.

<u>Characteristic</u>	<u>Specification</u>	<u>Value</u>	<u>Method</u>
Appearance:	Yellow to amber liquid	-	N/a
Identification:	Meets test	-	HPLC
Assay, by HPLC (w/w):	8.6 – 9.4%	9.03%	HPLC (current ICS-T standard)
Purity (peak area):	Report result	96.25%	Calculated
Specific gravity (20°C):	Report result	1.020	
pH:	8.5 – 11.0	9.80	pH meter
Heavy metals:*	< 20 ppm	-	Inductively coupled plasma
Lead:*	< 5 ppm	-	Inductively coupled plasma

* NOTE: Tetrahop Gold® is tested for heavy metals and lead on a regular basis to ensure compliance with the specification. Typical results are available upon request.

Prepared by: Jackie Richards

Date: 26th November 2012

Additional information:

Production Date: 15th November 2012

Best used by: 15th November 2014