



LIFTMODE
47 W. Polk St. STE 100-241
Chicago, IL 60605

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www.liftmode.com

CERTIFICATE OF ANALYSIS

L-Theanine (L- γ -glutamylethylamide)

Material Lot #:	20160820	Manufacture Date:	08/20/2016
Country of Origin:	China	Expiration Date:	08/19/2019

Analysis	Claim	Result
L-Theanine	$\geq 99.0\%$	99.39%

Test	Specification	Result
Appearance	White Powder	Complies
Specific Rotation	(+7.5°)-(+8.5°)	+8.1°
Solution Color (1.0g/20ml)	Clear, Colorless	Complies
Chloride	<0.02%	Complies
Loss on Drying	<1.0%	0.40%
Residue on Ignition	<0.2%	Complies
PH	5.0-6.0	5.20
Heavy Metals	≤ 10 ppm	0.03 ppm
Arsenic	≤ 1 ppm	0.009 ppm
Assay	98.0%-102.0%	99.39%

L-Theanine should be stored at or below room temperature in a tightly sealed durable container.
L-Theanine should be protected from excess heat, direct sunlight, excess humidity and moisture.
L-Theanine has a stable shelf life of 3 years from the date of manufacture when properly stored.




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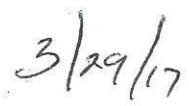
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Product Name	L-Theanine	Client Lot Number	20160820
Report Date	03/29/17	Laboratory #	8410

Test	Method	Result
L-Theanine	CA-028 (HPLC-UV)	99.0 %
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	<0.001 ppm
Lead	ICP-MS USP <730>	<0.001 ppm
Mercury	ICP-MS USP <730>	<0.001 ppm
Total Plate Count	Biolumix	<100 CFU/G
Yeast & Mold	Biolumix	<100 CFU/G
Salmonella	Biolumix	Negative
E.Coli	Biolumix	<10 CFU/G
Coliform	Biolumix	<10 CFU/G

Collin Thomas 
Laboratory Manager

03/29/2017 
Date