



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

liftmode@liftmode.com
www.liftmode.com

CERTIFICATE OF ANALYSIS

L-Theanine

(L- γ -glutamylethylamide)

Material Lot #: 2016010503
Country of Origin: China

Manufacture Date: 01/05/2016
Expiration Date: 01/04/2018

Analysis	Claim	Result
L-Theanine	$\geq 99.0\%$	99.2%

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%	0.012%
Residue on Ignition	<0.2%	Complies
PH	5.0-6.0	5.7
Heavy Metals	≤ 10 ppm	8 ppm
Arsenic	≤ 1 ppm	X ppm
Assay	98.0%-102.0%	99.2%

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 2 years from the date of manufacture when properly stored.



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Product Name	L-Theanine	Product Lot Number	2016010503
Report Date	08/04/16	Laboratory #	7485

Test	Method	Result
L-Theanine	HPLC	100.7%
Mercury	ICP-MS USP <730>	0.010 ppm
Lead	ICP-MS USP <730>	0.013 ppm
Arsenic	ICP-MS USP <730>	<0.001 ppm
Cadmium	ICP-MS USP <730>	<0.001 ppm
Total Plate Count	AOAC 966.23	<10 CFU/g
Coliform Count	AOAC 991.14	<10 CFU/g
E. Coli Count	AOAC 991.14	<10 CFU/g
Salmonella	AOAC 998.09	Negative
Yeast and Mold	FDA BAM	<10/<10 CFU/g

Joshua Gray
QA Auditor *Joshua Gray*

08/04/2016
Date *08/04/16*