

Description

Suntheanine® is produced via a patented enzymatic fermentation process, resulting in an enantiomerically pure L-theanine. Suntheanine® is GRAS Affirmed with FDA Letter of no Objection (GRN 000209). Suntheanine® is Food Grade, Gluten Free, non GMO Project Verified, Kosher and Halal certified. Composition: 100% L-Theanine, no excipients or carriers.

Product Identification

Chemical name:	L-glutamic acid- γ -monoethylamide
Synonyms:	L-theanine, N-ethyl-L-glutamine
Chemical Formula:	C ₇ H ₁₄ N ₂ O ₃
CAS Registry No:	3081-61-6
HTS Number:	2924.19.8000

Specifications

Description	White crystalline powder
Purity	Not less than 98.0% L-theanine
Particle Size	Not less than 95.0% through
Bulk Density	0.25 ~ 0.50 g/cm ³
Loss on Drying	Not more than 1.00%
Residue on Ignition	Not more than 0.20%
pH	5.0 - 6.0
Chloride (as Cl)	Not more than 0.021%
Specific Rotation	+7.7° - +8.5°
Heavy Metals (as Pb)	Not more than 1 μ g/g
Arsenic (as As ₂ O ₃)	Not more than 4.0 μ g/g
Cadmium (as Cd)	Not more than 1 μ g/g
Lead	Not more than 1 μ g/g
Mercury	Not more than 0.1 μ g/g
Standard Plate Count	Not more than 1,000 cfu/g
Coliform	Negative / 0.1 g
E. coli	Negative / 0.1 g
Salmonella	Negative / 375 g
S. aureus	Negative / 10 g
Mold	Not more than 100 cfu/g
Yeast	Not more than 100 cfu/g

Packaging and Storage

10 kg net weight in aluminum laminated outer bag / polyethylene inner bag per carton box. In its original unopened packaging, may be stored at room temperature at least 36 months from date of production. Store in a cool, dry place away from heat and direct light.



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