

## Description

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

## **Product Identification**

Chemical name: Synonyms: Chemical Formula: CAS Registry No: HTS Number: L-glutamic acid- $\gamma$ -monoethylamide L-theanine, N-ethyl-L-glutamine C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub> 3081-61-6 2924.19.8000

## **Specifications**

Description Purity Particle Size **Bulk Density** Loss on Drying Residue on Ignition pН Chloride (as Cl) Specific Rotation Heavy Metals (as Pb) Arsenic (as As<sub>2</sub>O<sub>3</sub>) Cadmium (as Cd) Lead Mercury Standard Plate Count Coliform E. coli Salmonella S. aureus Mold Yeast

White crystalline powder Not less than 98.0% L-theanine Not less than 95.0% through  $0.25 \sim 0.50 \text{ g/cm}^3$ Not more than 1.00% Not more than 0.20% 5.0 - 6.0 Not more than 0.021% +7.7° - +8.5° Not more than  $1 \mu g/g$ Not more than 4.0  $\mu$ g/g Not more than  $1 \mu g/g$ Not more than  $1 \mu g/g$ Not more than 0.1  $\mu$ g/g Not more than 1,000 cfu/g Negative / 0.1 g Negative / 0.1 g Negative / 375 g Negative / 0.02 g Not more than 100 cfu/g Not more than 100 cfu/g



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