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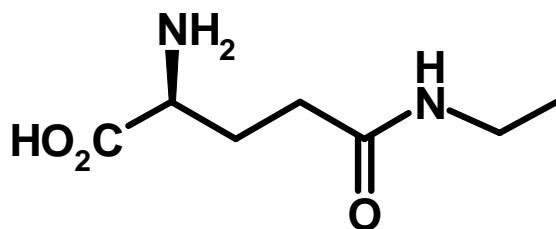
Product Specifications

L-Theanine (synthetic)

CAS 3081-61-6

Syn: N-Ethyl-L-glutamine

Structure:



Mol. Formula
Source

C₇H₁₄N₂O₃
Synthetic

Mol. Wt.

174.20

Test

Specification

Identity

Appearance

White crystal

Odor

Odorless

Particular Size

98% through 80 mesh

L-Theanine (HPLC, dry basis)

≥ 99%

Pesticides Residue

≤ 100 ppb

LOD

≤ 3.0%

Ash (residue on ignition)

≤ 2%

Solubility

Soluble in water

Heavy Metals

≤ 10 ppm

RI, $\eta_D^{20\text{ }^\circ\text{C}}$

≤ 10 ppm

Fp

≤ 2 ppm

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- cont'd -

<i>Test</i>	<i>Specification</i>
Microbiological Specification	
Total Aerobic (CFU/g) (USP25)	≤1000
<i>E. Coli</i> (USP25)	Negative
<i>Salmonella</i> (USP25)	Negative
Mold and Yeast (CFU/g) (USP25)	≤100

Storage: Maintain in cool, dry cool containment.