

Technical Specification

Product Name: L-Theanine
CAS No.: 3081-61-6
Chemical structure: $C_7H_{14}N_2O_3$
Quality Standard: JP2000
Packing: 25kg/drum; 25kg/bag

Technical parameters:

Item	Quality Standard
Description	White crystalline powder
Assay	98.0%~102.0%
Specific rotation	+7.7°~+8.5°
Solubility	Clear Colorless
Chloride	≤0.02%
Heavy metals	≤10ppm
Arsenic	≤1ppm
Residue on ignition	≤0.2%
Loss on drying	≤1.0%
pH	5.0~6.0

Storage Condition: In a cool and dry place sealed storage, one-time use after opening the bag.
Shelf Life: 24 months from the production date under good storage conditions and sound packing.

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