

Specification

Technical Data Sheet

Product Name	L-Theanine
Product No	90033046
CAS Number	3081-61-6
Storage Temperature	2 to 8 °C
Molecular Weight	174.20
	Specification
Appearance	White to Off-white powder
Melting Point	202.0 - 215.0°C
pH	5.0 - 6.0
Residue on ignition	≤ 0.2%
Salmonella	Negative
Specific rotation	+7.5° to +8.5°
Total plate count	≤ 1000cfu/g

Specification

Assay (Titration) 98.0 - 102.0%

Chloride (Cl) $\leq 0.02\%$

Escherichia coli Negative

Heavy Metals (Pb) $\leq 10\text{ppm}$

Yeast & Mold $\leq 100\text{cfu/g}$

Identification (IR) Conforms to Reference

Moisture Content (Karl Fischer) $\leq 2.0\%$
