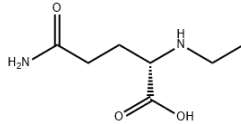


Technical Data Sheet

Product Name: L-Theanine

Molecular formula: C₇H₁₄N₂O₃

Molecular weight: 174.2



Chemical Structure:

CAS No. : 3081-61-6

Description 性状	White or quasi-white crystalline powder 白色或类白色结晶性粉末
Specific rotation 比旋度	+7.7°~ +8.5°
Assay 含量	98.5~101.5%
Loss on drying 干燥失重	≤1.0%
Residue on ignition 炽灼残渣	≤0.1%
pH	5.0~6.0
Solution clarity 溶液澄清度	Clear and colorless 澄清无色
Chloride 氯化物	≤0.02%
Sulfate 硫酸盐	≤0.02%
Iron 铁盐	≤10ppm
Heavy metals(Pb)重金属	≤10ppm
Arsenic 砷	≤1pm
Cadmium 镉	≤1ppm
Mercury 汞	≤0.1ppm
Aerobic Plate Count 菌落总数	≤1000CFU/g
Yeast&moulds 霉菌&酵母菌	≤100 CFU/g
E. coli 大肠杆菌	Negative 阴性
Salmonella 沙门氏菌	Negative 阴性

Packing :25kg/drum

Transport regulations: Keep dry. Non dangerous cargo

Storage and handling: Tightly sealed, keep dry place