

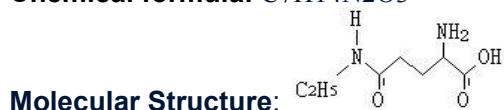


L-Theanine

Product name: L-theanine

Cas#: 3081-61-6

Chemical formula: C₇H₁₄N₂O₃



Synonym: L-glutamic acid -r-monoethylamide, N-Ethylglutamine

Solution/odor: clear, transparent solution in water, odorless and slightly sweet in taste

Technical Data

No.	Test Items	Standard
1	Visual	White crystal powder
2	Assay	Min.99%
3	Specific Rotation [α] _{20/D}	+7.5-+8.5°
4	Moisture	Max.2.0%
5	Residual on ignition(Sulfate)	Max.0.2%
6	PH	5.0-7.0
7	Melting point	210°C-215°C
8	Chloride	Max 0.1%
9	Heavy Metals(pb)	Max 10ppm
10	Total Plate Count	Max1,000cfu/g
11	Mold & Yeast	Max1,00 cfu/g
12	E.Coli., Salmonella	Absent

Application: widely used in food, beverage and non-food industry.

Dosage Recommendation: 1.0.2% in beverage, baker, icecream and confectionery,etc.;

2.0.01% as flavor modifier in green tea and other food products;

3. no recommendation in pharmaceuticals(it depends on)

Packing & Storage: keep in cool and dry place ; packed in carton or drum after sealed by aluminium-plastic bag(net weight:25kgs/carton or drum)

Shelf Life: Three years

Standard: Meet requirements of JP2000

Note: .Please contact us if customization requirements.

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