

Product Specifications

CAT#13022 *L-Theanine*

Product : L-Theanine

CAS No : 3081-61-6

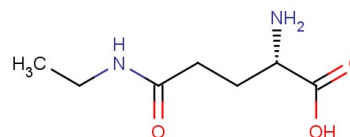
Catalog Number : 13022

Formula : C₇H₁₄N₂O₃

Molecular Weight : 174.2

Synonyms : N-Ethyl-L-glutamine; L-Glutamic acid gamma-(ethylamide)

Structure:



Test	Specification
Appearance	White crystalline powder
Purity	98%(Min,HPLC)
Moisture	0.5%Max.
Solubility (1.0g/20ml H ₂ O)	Clear Colorless
Specific rotation(α) _{D20} (C=1, H ₂ O)	+7.7° to +8.5°
Melting Point (°C)	190-215
Heavy metals(Pb)	10ppm Max
Chloride(Cl)	0.02% Max
Arsenic(As ₂ O ₃)	2ppm Max
Loss on drying	1.0% Max
Residue on ignition	0.2%Max
Total plate count	1,000cfu/g Max

Yeast and mold	100cfu/g Max
PH	5.0-6.0

*If you have any comments and suggestions, please contact us by sales@capotchem.com

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