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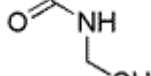
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	14293
Product	<i>N</i>^γ-Ethyl-L-glutamine
	L-Theanine
	L-Glutamic acid-γ-(ethylamide)
CAS Number	3081-61-6
Molecular Formula	C ₇ H ₁₄ N ₂ O ₃
Molecular Weight	174.2

Appearance	White crystalline powder
Solubility	Clear, colorless solution (1.0 g/20 ml)
Melting Point	202-215 °C
Heavy Metals	≤ 10 ppm
Anion	Chloride (Cl ⁻): ≤ 0.02% Sulfate (SO ₄ ²⁻): ≤ 0.015%
Cation	Arsenic (As): ≤ 1 ppm
pH	4.5-6.0 (C=1% in H ₂ O)
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = +7.7 to + 8.5°
Transmission	≥ 90%
Loss on Drying	≤ 0.5%
E. Coli, Salmonella, S.Aureus	Absent/10 g
Residue On Ignition	≤ 0.2%
Assay by titration	≥ 99%
Storage	Store at 0-8 °C

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Additional Information Total plate Count: ≤ 100 cfu/g

For Laboratory Use Only