

CERTIFICATE OF ANALYSIS

Product Name	L-Glutamine	Specification	Company Standard
CAS No.	56-85-9	Manufacture Date	2024.9.21
Quantity	1000KG	Analysis Date	2024.9.26
Batch No.	BF-240921	Expiry Date	2026.9.20

Items	Specifications	Results
Assay	98.5% - 101.5%	99.20%
Appearance	White crystals or crystalline powder	Complies
Solubility	Soluble in water and Practically insoluble in alcohol and in water	Complies
Infrared Absorption	As per FCCVI	Complies
Specific Rotation $[\alpha]_D^{20}$	+6.3° ~ +7.3°	+6.6°
Lead (Pb)	≤ 5mg/kg	< 5mg/kg
Loss on Drying	≤ 0.30%	0.19%
Residue on Ignition	≤ 0.10%	0.07%
Package	Packed in plastic bag inside and aluminum foil bag outside.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	



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