

Certificate of Analysis

Product Name	L-Glutamine		
Batch No	25052601	Standard	Enterprise internal standard
Production Date	2025-05-26	Expiration Date	2027-05-25
Quantity	5000KG	Packing	25KG

Item	Specification	Result
Description	White crystals or crvsalline powder	Confirms
Assay	98.5%~101.5%	99.3%
PH	4.5~6.0	4.63
Specific roation	+6.3°~+7.3°	+6.85°
Residue on ignition	≤0.3%	0.1
Loss on drying	≤0.3%	0.15
Chloride(Cl)	≤0.05%	<0.05
Iron(Fe)	≤30 ppm	<30
Sulfate(SO4)	≤0.03%	<0.03
Heavy metals	≤5 ppm	<5
Lead(Pb)	≤5 ppm	<5
Arsenic(As)	≤3 ppm	<3
Cadmium(Cd)	≤1 ppm	<1
Mercury(Hg)	≤1 ppm	<1
Total plate count	≤1000 cfu/g	<1000 cfu/g
Yease and molds	≤100 cfu/g	<100 cfu/g
E.coli	Negative in 10g	Confirms
Staphylococcus aureus	Negative in 10g	Confirms
Salmonella	Negative in 10g	Confirms
Conclusion	Through analysis, the quality of this batch number is approved.	

APROBADO

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