



CERTIFICATE OF ANALYSIS

Product Name:	L-GLUTAMIC ACID	Expiration Date:	2024.10.15
Batch Number:	LYPH221016	Manufacture Date:	2022.10.16
Batch Quantity:	3000Kg	Analysis Date:	2022.10.17

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White crystals or crystalline power	White crystalline powder
Assay	99.0-101.0%	99.60%
PH	3.0 - 3.5	3.3
Specific rotation $[\alpha]_D^{20}$	+31.5° - +32.5°	+31.80°
State of solution	≥98.0%	98.6%
Chlorides	≤0.02%	<0.02%
Ammonium(NH ₄)	≤0.02%	<0.02%
Sulphate	≤0.020%	<0.01%
Heavy Metals	≤10ppm	<10ppm
Iron	≤10ppm	<10ppm
Arsenic(As ₂ O ₃)	≤1ppm	<1ppm
Other amino acids	Undetectable	None
Loss on Drying	≤0.10%	0.05%
Residue on ignition	≤0.10%	0.06%

Conclusion	The product meets AJI97Standard.
Storage	Store in cool & dry place. Keep away from strong light and heat.
Shelf life	2 years when properly stored

Quality Assurance Officer: 董文华



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