

Certificate of Analysis

Product Name	L-Tyrosine		
Batch No.	LN260122	Quantity	100kgs
Manufacture Date	Jan.22.2026	Expiry Date	Jan.21.2028

ITEM	SPECIFICATION	RESULT
Assay	98.5% ~ 101.5%	99.3%
Appearance	White to off-white crystalline Powder	Conforms
Loss on Drying	$\leq 0.5\%$	0.19%
Residue on Ignition	$\leq 0.5\%$	0.10%
Specific Rotation $[\alpha]$	$-9.8^{\circ} \sim -11.2^{\circ}$	-10.7°
Chloride (Cl)	$\leq 0.05\%$	0.02%
Heavy metals		
Pb(mg/kg)	NMT2.0	Conforms
As(mg/kg)	NMT2.0	Conforms
Hg(mg/kg)	NMT0.1	Conforms
Cd(mg/kg)	NMT1.0	Conforms
Microbiological		
Total Plate Count(cfu/g)	NMT 1,000	Conforms
Yeast & Mold(cfu/g)	NMT 100	Conforms
E. Coli.(cfu/g)	Negative	Conforms
Staphylococcus	Negative	Conforms
Conclusion	Product Conforms to Specifications	

Analyst: David Yan

Approved: Li Yu

