

NINGBO YUANFA BIOENGINEERING CO., LTD.

宁波市远发生物工程有 限 公 司

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CERTIFICATE OF ANALYSIS

NAME: L-TYROSINE
BATCH NO.: 25092101
STANDARD: BP
EXP DATE: SEP 20,2027

QNTY : 900KGS
SAMPLE DATE: 2025-09-21
MFG DATE:SEP 21,2025

Item	Limit	Result
Description	White crystalline powder	Conforms
Specific rotation $[\alpha]_D^{25}$	-9.8°~-11.2°	-10.2°
Identification	Infrared absorption	Conforms
Chloride(Cl)	≤200ppm	<200ppm
Sulfate(SO4)	≤300ppm	<300ppm
Iron(Fe)	≤10PPm	<10PPm
Ammonium	≤200ppm	<200ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Sulphated Ash	≤0.1%	<0.1%
Ninhydrin-Positive Substances	≤0.50%	<0.50%
Loss on drying	≤0.50%	0.26%
PH	4.0~7.0	6.1
Assay	99.0%-101.0%	99.3%
Particle size	40mesh-60mesh	Conforms

Conclusion: this product via inspection accords with BP standards.

Analysis date : 2025-09-22 Analyst: SHEN Verifier : DENG

