

PREMIUM INGREDIENT CO.,LTD

检测报告
CERTIFICATE OF ANALYSIS

产品名称: L-酪氨酸 Product Name: L-Tyrosine	数量: Quantity:2000kg	批号: Batch No: 20240720
生产日期: Producing date: 2024.07.20	检验日期: Date of Analysis: 2024.07.20	有效期: Expiry date: 2026.07.19
参照标准: Reference standard: USP32	包装: Package: 25kg Paper Drum	CAS No.: 60-18-4
项 目 Item	规 格 Specifications	分 析 结 果 Results
外观 Appearance	White crystals or crystalline powder	Qualified
比旋光 Specific rotation [α] _D ²⁰	-9.8° ~ -11.2°	-10.53°
透光率 Transmittance	≥95.0%	96.5%
干燥失重 Loss on drying	≤0.30%	0.06%
炽灼残渣 Residue on ignition	≤0.40%	0.13%
氯化物 Chloride (Cl)	≤0.04%	<0.04%
硫酸盐 Sulfate	≤0.04%	<0.02%
铁盐 Iron (Fe)	≤30ppm	<10ppm
重金属 Heavy metals (Pb)	≤15ppm	<10ppm
PH	5.0 ~ 6.5	5.77
含量 Assay	98.5% ~ 101.5%	99.5%
Total Plate Count	<1000cfu/g	Qualified
Coliforms	<10 cfu/g	Qualified
Escherichia Coil	<10 cfu/g	Qualified
Moulds&Yeasts	<10 cfu/g	Qualified
Lead	≤1ppm	<0.05ppm
Arsenic(as As ₂ O ₃)	≤1ppm	<0.005ppm
Cadmium	≤1ppm	<0.005ppm
Mercury(Hg)	≤1ppm	<0.003ppm
Chromium(Cr)	≤1ppm	<0.2ppm
结论: 本产品符合 USP32 的要求. Conclusion: This product complies with USP32 standard.		

分析员: 赵玉娜
Analyst: Zhao Yuna

审核员: 张雪松
Verifier: Zhang Xuesong