

PREMIUM INGREDIENT CO.,LTD

CERTIFICATE OF ANALYSIS

产品名称：L-精氨酸		
Product: L-Arginine		CAS No: (74-79-3)
重 量：Quantity: 1000kg		
批 号：Lot No:C612-202505101		报告日期：Date: JUN 17,2025
Item 项目	Specification 标准	Result 检测结果
外 观 Appearance	White Crystalline powder	Conforms
鉴 别 Identification	Infrared Absorption	Conforms
比旋光度 Specific rotation [α]D ²⁵	+26.3~ +27.7°	+26.8°
干燥失重 Loss on Drying	≤ 0.5%	0.3%
灼烧残渣 Residue on ignition (sulfated)	≤ 0.30%	0.08%
氯化物 Chloride(Cl)	≤ 0.05%	<0.05%
硫酸根 Sulfate(SO ₄)	≤ 0.03%	< 0.03%
铁 Iron(Fe)	≤ 30 ppm	<30 ppm
色谱纯度 Chromatographic purity	Individual impurities: NMT0.5% Total impurities: NMT2.0%	Conforms
含 量 Assay	98.5 to 101.5%	99.1%

结论 Conclusion: Agree with the specification of USP43.

Manu. Date: MAY 03, 2025

Expiry Date: MAY 02, 2027

检验报告员 Inspector: 陈彩虹 复核人 Auditor: 赵敏 质检部负责人 Chief of QC: 张婷