

PREMIUM INGREDIENT CO.,LTD

CERTIFICATE OF ANALYSIS

产品名称: L-瓜氨酸		Product: L-Citrulline	
CAS No: (372-75-8)		重 量: Quantity: 200kg	
批 号: Lot No: 20250320		报告日期: Date: MAR 20, 2025	
Item 项目	Specification 标准	Result 检测结果	Test Methods 检测方法
外观 Appearance	White crystals or crystalline powder	Conforms	Visual
比旋度 Specific rotation [α] _D ²⁰	+24.5 to +26.8°	+25.9°	AJI TEST 1
鉴别 Identification	As Per AJI92	Conforms	Chromogenic Reaction
State of solution(Transmittance)	Not less than 98.0%	99.5%	AJI TEST 2
含 氯 量 Chloride(CL)	Not more than 0.020%	<0.020%	AJI TEST 3
氨 盐 Ammonium(NH ₄)	Not more than 0.02%	< 0.02%	AJI TEST 4
硫 酸 根 Sulfate(SO ₄)	Not more than 0.020%	< 0.020%	AJI TEST 5
铁 Iron(Fe)	Not more than 10ppm	<10ppm	AJI TEST 6
重 金 属 Heavy metals(Pb)	Not more than 10ppm	<10ppm	AJI TEST 7
铅 Lead	Not more than 3ppm	<3ppm	AFS
砷 Arsenic(AS ₂ O ₃)	Not more than 1 ppm	<1 ppm	AJI TEST 8
镉 Cadmium	Not more than 1 ppm	<1 ppm	AFS
汞 Mercury(Hg)	Not more than 0. 1ppm	<0. 1ppm	AAS
干燥失重 Loss on Drying	Not more than 0.30%	0.13%	AJI TEST 11
Residue on ignition(sulfated)	Not more than 0. 10%	0.07%	AJI TEST 13
含 量 Assay	98.5 to 101.0%	99.4%	AJI TEST 15
pH	5.0 to 7.0	5.9	AJI TEST 33

结论 Conclusion: Agree with the specification of AJI92.

备注 Remarks: NON-ANIMAL SOURCE, VEGAN, FRESH GOODS, MADE IN CHINA

STORAGE CONDITIONS: PRESERVE IN TIGHT CONTAINERS AT CONTROLLED ROOM TEMPERATURE

Manu. Date: MAR 20, 2025

Expiry Date: MAR 19, 2027

检验报告员: 陈彩凤

Inspector:

复核人: 赵敏

Auditor:

质检部负责人: 张婷

Chief of QC: