

PREMIUM INGREDIENT CO.,LTD

CERTIFICATE OF ANALYSIS

产品名称: L-半胱氨酸			
Product: L-Cysteine		CAS No: (52-90-4)	
重量: Quantity: 1000KG			
批号: Lot No: C203-202404012F		报告日期: Date: APR 15, 2024	
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	By sight
鉴别 Identification	Infrared absorption	Conforms	IR
比旋度 Specific rotation [α] _D ²⁰	+8.3 to +9.5°	+8.5°	AJI TEST 1
溶解状况 State of solution (Transmittance)	Clear and colorless Not less than 95.0 %	99.7%	AJI TEST 2
含氯量 Chloride(Cl)	Not more than 0.04 %	<0.04 %	AJI TEST 3
铵盐 Ammonium(NH ₄)	Not more than 0.02 %	<0.02 %	AJI TEST 4 [A-1]
硫酸根 Sulfate(SO ₄)	Not more than 0.03 %	<0.03 %	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
砷 Arsenic(as As ₂ O ₃)	Not more than 1ppm	<1ppm	AJI TEST 8
其他氨基酸 Other amino acids	Chromatographically Not detectable	Conforms	AJI TEST 9
干燥失重 Loss on Drying	Not more than 0.5 %	0.09%	AJI TEST 11
灼烧残渣 Residue on ignition(sulfated)	Not more than 0.1 %	0.05%	AJI TEST 13
含量 Assay	98.0 to 101.0 %	99.6%	AJI TEST 16
pH	4.5 to 5.5	5.1	AJI TEST 33

结论 Conclusion: Agree with the specification of AJI92.

备注 Remarks: FRESH GOODS, MADE IN CHINA.

STORAGE CONDITIONS: PRESERVE IN TIGHT CONTAINERS AT CONTROLLED ROOM TEMPERATURE.

Manu. Date: APR 05, 2024

Expiry Date: APR 04, 2025

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