

## 检验报告单

编号 NO.: COA-2407-0903

品名 Name	L-半胱氨酸盐酸盐一水物	批号 Batch No.	C24070903
CAS 编号	7048-04-6	批量/数量 Quantity	1000kg
生产日期 Production Date	2024.07.09	来源 From	Non-animal source/Vegan 非动物源/素食
检测日期 Test Date	2024.07.09	有效日期 Expiry Date	2026.07.09

项目 ITEM	质量标准 SPECIFICATION(AJI92)	结果 RESULTS
性状 Description	白色晶体或结晶粉末	Conforms
鉴别 (红外) Identification (IR)	Infrared absorption spectrum	Conforms
比旋光度 Specific rotation $[\alpha]_D^{20}$	+ 5.5 to + 7.0°	+6.3°
溶解状况 State of Solution	≥98.0%	99.8 %
含氯量Chloride(Cl),%	19.89 to 20.29%	20.12%
氨 盐Ammonium(NH4),%	≤0.02%	< 0.02%
硫酸根Sulfate(SO4) ,%	≤0.02%	< 0.02%
铁 盐Iron(Fe)	≤10ppm	< 10ppm
重金属Heavy metals(Pb)	≤10ppm	< 10ppm
砷 盐Arsenic(As2o3)	≤1ppm	< 1ppm
含 量Assay	99.0% to 100.5%	99.9%
酸 度PH	1.5 to 2.0	1.7
其他氨基酸 Other amino acids	Chromatographically not detectable	Conforms
干燥失重 Loss on drying	8.5 to 12.0%	10.2%
炽灼残渣 Residue on ignition	≤0.10%	< 0.10%

## 结论

Conclusion

经检验，本品符合AJI92指标规定

Passed test according to the Standard of AJI92.

Tested by

张娜

Reviewed by

刘卫国

Approved by

邱玲

Date

2024.07.09

Date

2024.07.09

Date

2024.07.09

