

CERTIFICATE OF ANALYSIS

Product Name	L-Cysteine	Batch No	PY-LC20210415
Quantity	1000KG	Analysis Date	Apr.18,2021
Mfg. Date	Apr.15,2021	Exp. Date	Apr.14,2023
Package	25kg/Drum	Standard	AJI92

No.	Item	Specification	Result
1.	Appearance	White crystalline powder	Complies
2.	Identification	Infrared Absorption	Complies
3.	Assay	98.0~101.0%	98.6%
4.	Specific Rotation	+8.3°~ +9.5°	+8.50°
5.	State of solution	≥95.0%	96.0%
6.	Chloride	≤0.04%	<0.035%
7.	Ammonium(NH ₄)	≤0.02%	<0.01%
8.	Other amino acids	Conforms	Complies
9.	Iron(Fe)	≤10ppm	<10ppm
10.	PH	4.5~5.5	4.6
11.	Heavy Metals (Pb)	≤10ppm	<10ppm
12.	Loss on Drying	≤0.50%	0.45%
13.	Residue on Ignition	≤0.10%	0.05%
14.	Conclusion	Conform with AJI92 Standard.	

Analyst: xuli

QC: lixiaochen