

03158

SHANGHAI WENTAI BIO TECHNOLOGY CO.,LTD

CERTIFICATION OF ANALYSIS

Product Name: L-Cysteine HCl Monohydrate

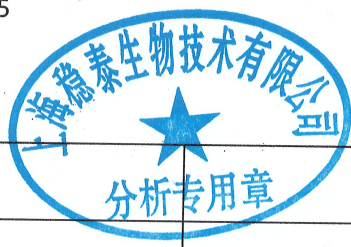
Manufacture Date: 2024.03.05

Batch No.: 20240305

Quantity: 2000KGS

Report Date: 2024.03.06

Expiry Date: 2026.03.04



Item	Specification	Result
Description	White crystalline or crystalline powder	Conforms
Specific rotation [α] _D ²⁰	+ 5.5° to + 7.0°	+ 6.1°
State of solution	Not less than 98.0%	99.1%
Chloride (Cl)	19.89% to 20.29%	19.98%
Ammonium	Not more than 0.02%	Conforms
Sulfate(SO ₄)	Not more than 0.02%	Conforms
Iron(Fe)	Not more than 10ppm	Conforms
Heavy metals	Not more than 10ppm	Conforms
Arsenic(as As ₂ O ₃)	Not more than 1ppm	Conforms
Loss on drying	8.5% to 12.0%	11.5%
Residue on ignition	Not more than 0.10%	0.05%
Assay	99.0% to 100.5%	99.4%
PH	1.5 to 2.0	1.7
Other Amino Acids	Not detectable	Conforms
Conclusion :	The products Conforms to AJ192	

Analysis: chenhong

Verification: zhaoyan