



EAST CHEMSOURCES LIMITED

No.666 Haibin 12th Road, Huangdao, Qingdao City,China

CERTIFICATE OF ANALYSIS

Product Name: L-Cysteine hydrochloride monohydrate	Quantity:3000kg	Batch No: 220422
Producing date: 2022.04.22	Date of Analysis: 2022.04.22	Expiry date: 2024.04.23
Reference standard: AJI92	Package: 25kg Paper Drum	CAS No.: 7048-04-6
Item	Specifications	Results
Specific rotation $[\alpha]_D^{20}$	+5.5° ~ +7.0°	+6.0°
State of solution (Transmittance)	Clear and colorless ≥98.0%	99.2%
Loss on drying	8.5%-12.0%	11.49%
Residue on ignition	≤0.10%	0.05%
Chloride (Cl)	19.89% ~ 20.29%	20.04%
Sulfate (SO ₄)	≤0.02%	<0.02%
Heavy metals (Pb)	≤0.001%	<0.001%
Iron (Fe)	≤0.001%	<0.001%
Ammonium (NH ₄)	≤0.02%	<0.02%
pH value	1.5~2.0	1.7
Assay	99.0%~100.5%	99.5%
Conclusion: This product complies with AJI92 standard.		

EAST CHEMSOURCES LIMITED
伊特实业有限公司
Authorized Signature

EAST CHEMSOURCES LIMITED

No.1581-12 Jinshui Road Licang District Qingdao City Shandong Province China

Mobile Phone: 008617663981261

WhatsApp: +008617663981261

Email: food@eastchem-cn.com

Wechat: 17663981261

Website: www.eastchemsources.com