



山东泽胜化工有限公司

SHANDONG ZESHENG CHEMICAL CO., LTD.

产品检测报告

CERTIFICATE OF ANALYSIS

Product Name: L-Cysteine HCL.H₂O
 产品名称: L-半胱氨酸盐酸盐一水物

CAS No.: 7048-04-6 Batch No.: ZESH-20210126A Batch Size: 3000KG
 CAS 编号: 7048-04-6 批号: ZESH-20210126A 批量: 3000KG

Package: 25kg/drum MFG Date: 2021.01.26 Date of test: 2021.01.26
 包装: 25kg/drum 生产日期: 2021.01.26 检验日期: 2021.01.26

Items Tested	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Identification	Infrared absorption	Conforms
Specific rotation [α] D20	+5.7°~+6.8°	+5.99°
Loss on drying	8.0~12.0%	11.45%
Residue on ignition	≤ 0.4%	0.10%
Sulfate	≤ 0.03%	< 0.03%
Iron	≤ 0.003%	< 0.003%
Heavy metals	≤ 0.0015%	< 0.0015%
Chormatographic purity	Meets the requirements	Conforms
Organic volanle impurities	Meets the requirements	Conforms
Assay	95~105%	99.73%
Particle size	12Mesh	Conforms
Conclusion	Passed test according to the Standard of USP30	

Tested by:

检验人:

刘婷

Checked by:

复核人:

陈波