



XI'AN JUNYUAN BIO-TECH CO.,LTD

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Certificate of Analysis-- S-carboxymethyl-L-cysteine

Product Name	S-carboxymethyl-L-cysteine	Batch No	SJJST210401
Quantity	500KGS	Analysis Date	Apr.1th, 2021
Mfg. Date	Apr.1th, 2021	Exp. Date	Apr.1th, 2023
Package	25kg/drum	Standard	USP

Items	Specifications	Results
Appearance	White crystals powder	Conforms
Transmittance	≥98.0%	98.5%
Specific rotation	-32.5~-35.5°	-34.6°
Chloride(Cl)	≤0.15%	<0.04%
Sulfate(SO4)	≤0.03%	<0.02%
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As)	≤1ppm	<1ppm
Ninhydrin-positive substances	≤0.50%	<0.5%
Loss on drying	≤0.50%	0.2%
Residue on ignition	≤0.30%	0.05%
PH	2.8~3.0	2.8
Assay	98.5%~101.5%	99.8%
Conclusion: The Product Conforms to USP.		

QC: MANAGER:NianChen

INSPECTOR:FeiDeng

ANALYST: XiLi