

Certificate of Analysis

Products: L-Glutathione Oxidized	CAS:27025-41-8	Quantity:145.7KG
Manufacture date :2024.02.20	Retest date :2 Years	Batch No :SOST2024022001
Item	Inspection Standard	Results
Appearance	A white to off-white powder	Conforms
Identification	HPLC RT	Conforms
Clarity and color of solution	Clear and colourless	Conforms
Odor	Characterisric odor	Conforms
Loss on drying	≤5.0%	4.16%
Specific rotation	-96~-106°	-101.45°
Residue on ignition	≤0.5%	0.46%

Assay	GSSG: $\geq 95.0\%$ GSH: $\leq 0.5\%$	GSSG: 95.81% G SH: 0
Purity (HPLC)	$\geq 98.0\%$	98.94%
Fe	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Cl	$\leq 200\text{ppm}$	$< 200\text{ppm}$
SO4	$\leq 300\text{ppm}$	$< 300\text{ppm}$
NH4	$\leq 200\text{ppm}$	$< 200\text{ppm}$
As	$\leq 1\text{ ppm}$	$< 1\text{ ppm}$
Heavy metals(as Pb)	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Conclusion:	The product conforms to the standard	
Manufacturer	Xi'an Sost Biotech Co.,Ltd.	

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QC : Guo Shan

QA: Feng Li

