

Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	•	L-CYSTEINE 99% FOR BIOCHEMISTRY	
Cas No.	•	52-90-4	
Code No.	••	00923	
Batch No.	••	PC05230426	
Mfg. Date	••	MAY-2023	
Date Of Analysis	••	18/05/2023	
Retest Date	:	APR-2028	

TEST	SPECIFICATION	RESULT
Appearance	Colorless crystalline powder	Colorless crystalline powder
Assay	Min. 99.0%	99.71%
Specific optical rotation ([?]20/D)	+8.0° to +9.0°	+8.0°
UV absorbance	Max. 0.5	0.23
Loss on drying (at 105°C; 4 hrs)	Max. 0.3%	0.16%
Chloride (Cl)	Max. 0.002%	0.0007%
Sulphate (SO ₄)	Max. 0.01%	0.002%
Heavy metal (as Pb)	Max. 0.001%	0.0008%
Ammonium (NH ₄)	Max. 0.01%	0.0071%
Foreign amino acids	Max. 0.5%	0.14%
Other ninhydrin positive substances (as glycine)	Max. 0.1%	0.023%

REMARK: This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd.

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com