

Manufacturers of Laboratory Fine Chemicals

Head Office: 403 Cosmos Plaza, (Westside Building), Nr DN Nagar Metro Station, Andheri West- 400053 Mumbai • Contact: +91 91360 93115 Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar – 401506. Tel: +91 8451043975/ 76 • Email:sales@pallavchemicals.com

CERTIFICATE OF ANALYSIS

Product Name	:	L-CYSTINE 98.5% FOR BIOCHEMISTRY	
Cas No.	:	56-89-3	
Code No.	:	00925	
Batch No.	:	PC10231736	
Mfg. Date	:	OCT-2023	
Date Of Analysis	:	14/10/2023	
Retest Date	:	SEP-2028	

TEST	SPECIFICATION	RESULT
Appearance	White to off white powder	Off white powder
Assay	98.5 - 101%	100.06%
Specific optical rotation ([?]20/D; 20 g/L in 1 mol/L HCl; on dried substance)	-218 to -224°	-222°
Chloride (Cl)	Max 0.05%	0.004%
Sulphate (SO4)	Max 0.03%	0.007%
Ammonium (NH4)	Max 0.02%	0.008%
Ninhydrin positive substance	Max 0.2%	0.06%
Loss on drying (at 110°C)	Max 0.5%	0.24%
Sulphated ash	Max 0.1%	0.014%
Iron (Fe)	Max 0.002%	0.0008%
Lead (Pb)	Max 0.001%	0.0003%

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