

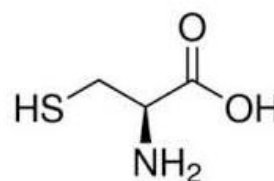


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Product Specification

L-CYSTEINE 98% FOR BIOCHEMISTRY

CAT. NO. : 031089
GRADE : LR
CAS NO. : 52-90-4
FORMULA : $C_3H_7SNO_2$
M.W. : 121.16



Minimum assay (ex.N / ex SH, Iodometric) 98.0%
Specific rotation α^{20}_D (C=2, 5N HCl) +6.5° to +8°

Maximum limits of impurities:

Sulphated ash	0.1%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%
Loss on drying (at 105°C; 4hrs)	0.3%
Sulphated (SO ₄)	0.01%
Chloride (Cl)	0.002%
Ammonium (NH ₄)	0.01%

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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