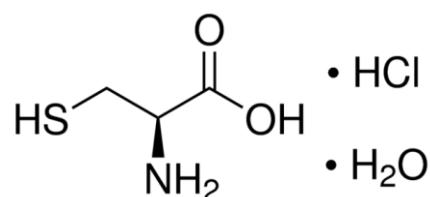




L-CYSTEINE HYDROCHLORIDE MONOHYDRATE 98.5% AR

CAT. NO. : 031090
GRADE : AR
CAS NO. : 7048-04-6
FORMULA : $C_3H_7NO_2S.HCl.H_2O$
M.W. : 175.63



Assay (ex CI, iodometric) 98.5-101.0%[®]
Specific rotation α^{20}_D (C=2, in 5N HCl) + 5.5° to + 6.5°
State of solution
(10% solution 430 nm; Transmittance) NLT 95.0%
Identity (IR) Passes test

Maximum limits of impurities:

Loss on drying	8.0 – 12.5%
Sulphated ash	0.4%
Iron (Fe)	0.002%
Heavy metals (Pb)	0.001%
Sulphate (SO ₄)	0.03%
Ammonium	0.02%
Related compounds	Passes test

DATE: 01.07.2025

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

