



SPECIFICATION

Product Code: 14040



Product Name: L-CYSTEINE HYDROCHLORIDE (MONOHYDRATE)

$C_3H_7NO_2S.HCl.H_2O$ M.W. 175.64

Minimum assay (On dried basis) 99%

Sp. rotation $[\alpha]$
C = 2, 5N HCl + 5.5 to + 6.5⁰

Maximum Limits of Impurities :

Loss on drying at 130°C 9.0 – 11.5%

Sulphated ash 0.1%

Sulphate (SO₄) 0.01%

Iron (Fe) 0.001%

Heavy metals (Pb) 0.001%

CAS No. : 7048-04-6