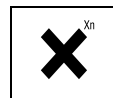




SPECIFICATION

Product Code: 14020



Product Name: L-CYSTEINE FOR BIOCHEMISTRY

$C_3H_7NO_2S$

M.W. 121.16

Minimum assay (on dried basis) 99%

Sp. rotation $[\alpha]^{20}_D$

C = 2, 5 N HCl + 6.5° to + 8°

Maximum Limits of Impurities :

Loss on drying at 105°C 0.5%

Chloride (Cl) 0.01%

Sulphate (SO₄) 0.01%

Iron (Fe) 0.001%

Heavy metals (as Pb) 0.001%

Ammonium (NH₄) 0.01%

CAS No. : 52- 90- 4 R: 22 F: 3

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**Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**