



25961

L-Cysteine for tissue culture, 99%

Part A

CAS : 52-90-4

Molecular Formula : C₃H₇NO₂S

Molecular Weight : 121.15

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 10% solution in 2N HCl	Clear
Solubility (Colour) 10% solution in 2N HCl	Colourless
Assay (Iodometric)	min. 99%
Specific rotation [?]	+6.5° to +8.0° (C=2, 5N HCl)
Loss on drying	max. 0.5%
Sulphated Ash	max. 0.1%
Chloride (Cl)	max. 0.01%
Sulphate (SO ₄)	max. 0.01%
Iron (Fe)	max. 0.001%
Heavy Metals (Pb)	max. 0.001%
Ammonium (NH ₄)	max. 0.01%
Homogeneity by TLC	Passes test
Suitability for Tissue Culture	Passes

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	29309040 (GST 18%)
25 Gms	29309040 (GST 18%)
500 Gms	29309040 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

Available Packages

25 Gms

100 Gms

500 Gms

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
