



70134

L-Cysteine Hydrochloride Monohydrate for cell culture, 99%, Endotoxin (BET) 0.05EU/mg

Part B1

CAS : 7048-04-6

Molecular Formula : C3H7NO2S.HCl.H2O

Molecular Weight : 175.63

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (Iodometric)	min. 99%
Specific rotation [?]	+5.5° to +6.5° (C = 2, 5N HCl)
Loss on drying	9.0 - 11.5%
Sulphated Ash	max. 0.1%
Sulphate (SO4)	max. 0.01%
Iron (Fe)	max. 0.001%
Heavy Metals (Pb)	max. 0.001%
Homogeneity by TLC	Passes
Suitability for Cell Culture	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	0.05 EU/mg

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%)
Type of Packing	
100 Gms	Plastic Bottle
25 Gms	Plastic Bottle

Available Packages

25 Gms

100 Gms

Disclaimer

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