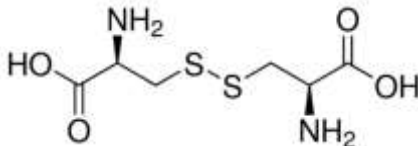


L-CYSTINE FOR BIOCHEMISTRY

PRODUCT CODE	H12125
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-89-3)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₂ N ₂ O ₄ S ₂
ATOMIC OR MOLECULAR WEIGHT	240.30
PROPERTIES	Soluble in water, insoluble in alcohol.
	
PARAMETER	LIMIT
Description	Colourless or white to off-white crystals or crystalline powder.
Solubility	33.3 mg soluble in 1 mL of dilute hydrochloric acid.
Identification	Passes test
Minimum Assay (Non-Aqueous)	99.0%
Specific Rotation(α) _D ²⁰ (C= 2, 5N HCl)	-224.0° to -209.0°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	0.2%
Sulphated ash	0.1%
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%
Ammonium (NH ₄)	0.02%
Note(s): Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response: Disposal:	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :--	