

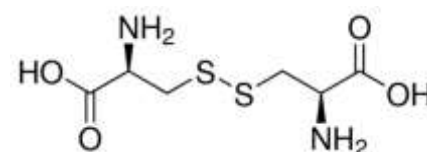


Product Specification

cdhfinechemical.com

L-CYSTINE FOR BIOCHEMISTRY

PRODUCT CODE	037057
SYNONYMS	--
C.I. NO.	--
CASR NO.	(56-89-3)
ATOMIC OR MOLECULAR FORMULA	[SCH₂CH(NH₂)COOH]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.
Minimum Assay (Non-Aqueous)	99.0%
pH of 0.04% solution in water	4.0-7.0
Specific Rotation(α) _D ²⁰ (C= 2, 5N HCl)	-224.0° to -209.0°

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.002%
Lead (Pb)	0.001%

Note(s): Assay (if applicable) method mentioned.

WARNING	IMDG Code :
Hazard statements: Not hazarous. No hazards.	UN No. :
Precautionary statements	IATA :
Prevention: ----	
Response:	

Disposal:.....

Hazard Pictogram(s) :--

Replace Date 06-Nov-2025