


ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

## L-CYSTINE FOR BIOCHEMISTRY

<b>PRODUCT CODE</b>	<b>R08178</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(56-89-3)
<b>ATOMIC OR MOLECULAR FORMULA</b>	[SCH <sub>2</sub> CH(NH <sub>2</sub> )COOH] <sub>2</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	240.30
<b>PROPERTIES</b>	Soluble in water, insoluble in alcohol.
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Colourless or white crystalline powder or crystals.
Solubility	10% solution in 2M HCl is clear and almost colourless.
Minimum Assay(Non-Aqueous)	99.0%
Specific Rotation (α) <sub>D</sub> <sup>20</sup> (C= 2, 5N HCl)	- 215° to - 210°
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying (at 110°C)	0.5%
Sulphated ash	0.1%
Iron (Fe)	0.002%
Lead (Pb)	0.001%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> Hazard statements: Not hazarous. No hazards. Precautionary statements Prevention: ---- Response: Disposal:.....	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :-  GHS05      GHS07	

Replace Date 1 April 2023

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