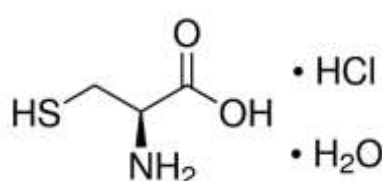




Product Specification

cdhfinechemical.com

L-CYSTEINE HYDROCHLORIDE MONOHYDRATE

PRODUCT CODE	H12055	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7048-04-6)	
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₇ NO ₂ S.HCl.H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	175.63	
PROPERTIES	—	
PARAMETER	LIMIT	
Description	White to almost white crystals or crystalline powder or colorless crystals.	
Solubility	10% Solution in water is clear and colourless.	
Assay (Iodometric; calc to the dried sub.)	99.0%	
Specific Rotation [α] _D ²⁰ (C=8, in 25%w/v of HCl, calc with reference to the dried subs.)	+ 5.5° to + 7.0°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying	8.0 – 12.0%	
Sulphated Ash	0.1%	
Sulphate (SO ₄)	0.01%	
Iron (Fe)	0.001%	
Heavy metals (Pb)	0.001%	
Homogeneity by TCL	Passes test.	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response:		IMDG Code : UN No. : IATA :
Disposal:		
Hazard Pictogram(s) :--		