



## Specification for L-Cysteine Monohydrochloride, Monohydrate, FCC (C1472)

Item Number	C1472
Item	L-Cysteine Monohydrochloride, Monohydrate, FCC
CAS Number	7048-04-6
Molecular Formula	$C_3H_7NO_2S \cdot HCl \cdot H_2O$
Molecular Weight	175.64
MDL Number	
Synonyms	L-2-Amino-3-mercaptopropanoic Acid Hydrochloride

Test	Specification	
	Min	Max
ASSAY ( $C_3H_7NO_2S \cdot HCl$ ; DRIED BASIS)	98.0	101.5 %
LOSS ON DRYING	8.0	12.0 %
OPTICAL ROTATION, [a] 20D	+5.0° to +8.0°	
LEAD		5 mg/kg
RESIDUE ON IGNITION		0.1 %
IDENTIFICATION		TO PASS TEST
CERTIFIED HALAL		
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		

### *Spectrum Chemical Mfg Corp*

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