

Item Number	CY110
Item	L-Cysteine
CAS Number	52-90-4
Molecular Formula	C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S
Molecular Weight	121.16
MDL Number	
Synonyms	L-2-Amino-3-mercaptopropanoic Acid

Test	Specification	
	Min	Max
ASSAY (C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub> S)	98.0	102.0 %
SPECIFIC ROTATION, [α] (C=8; 1N HCl)	+7.0° to +9.0°	
TRANSMITTANCE	95 %	
AMMONIUM (NH <sub>4</sub> )		0.02 %
ARSENIC (As)		0.0002 %
CHLORIDE (Cl)		0.05 %
HEAVY METALS (as Pb)		0.001 %
IRON (Fe)		0.003 %
LOSS ON DRYING		0.5 %
RESIDUE AFTER IGNITION		0.2 %
SULFATES (SO <sub>4</sub> )		0.03 %
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		

**Spectrum Chemical Mfg Corp**

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