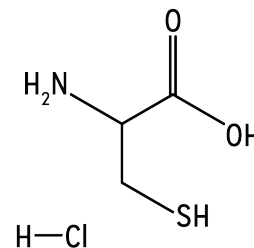


Product Specification

Product Name	L-Cysteine Hydrochloride Anhydrous
CAS #	52-89-1
Formula	$C_3H_7NO_2S \cdot HCl$
Molecular Weight	157.62
Description	White crystals or crystalline powder; strongly acid taste.
Identification	Compare the infrared absorption spectrum of the sample with that of the standard by potassium bromide disc method.



Test	Specification
Specific Rotation @ 20°C	+5.6 to +8.9°
State of Solution	Clear and colorless; Not less than 98.0%
Heavy Metals (Pb)	Not more than 10ppm
Arsenic (As₂O₃)	Not more than 1ppm
Related Substances	Conforms
Loss on Drying	Not more than 1.00%
Residue on ignition (Sulfated)	Not more than 0.10%
Assay	98.0 to 102.0%
pH	1.5 to 2.0