

Specification

Technical Data Sheet

Product Name	L-Cysteine hydrochloride anhydrous
Product No	29268471
CAS Number	52-89-1
Storage Temperature	2 to 8 °C
Molecular Weight	157.62
	Specification
Appearance	White crystalline powder
Conclusion	AJ192 Grade
Heavy metals	≤10ppm
Identification	Infrared absorption spectrum
Loss on Drying	≤2.0%
pH	1.5 - 2
Specific rotation	+5.6° - +8.9°

Specification

Water $\leq 2.0\%$

Assay 98.0 - 102%

Other amino acids Chromatographically not detectable

Residue on Ignition $\leq 0.1\%$

Arsenic (as As₂O₃) $\leq 1\text{ppm}$
