

Specification Sheet

Product Description: L-Cysteine HCL Anhydrous

Item 项目	Specification 标准 (AJI92)
外观 Description	White crystals or crystalline powder
旋光 Specific rotation $[\alpha]_D^{20}$	+5.6 to +8.9°
溶解状况 State of solution (Transmittance)	Clear and colorless not less than 98.0%
含氯量 Chloride(Cl)	22.30 to 22.60%
氨盐 Ammonium (NH ₄)	Not more than 0.02%
硫酸根 Sulfate (SO ₄)	Not more than 0.020%
铁 Iron(Fe)	Not more than 10ppm
重金属 Heavy metals(Pb)	Not more than 10ppm
砷 Arsenic(as As ₂ O ₃)	Not more than 1ppm
其他氨基酸 Other amino acids	Chromatographically not detectable
干燥失重 Loss on Drying	Not more than 1.0%
灼烧残渣 Residue on ignition(sulfated)	Not more than 0.1%
含量 Assay	98.0 to 102.0 %
pH	1.5 to 2.0
Particle size	90%min through 100mesh

Storage: Preserve in tight containers at controlled room temperature.

Shelf life: Recommend 2 years.

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