

Shijiazhuang Haitian Amino Acid Co., Ltd.

Product: L-Cystine

CAS No.: 56-89-3

Standard: AJI, USP, In-House

Packaging: 25kg/bag(drum), others as required

Storage Condition: In a cool and dry place sealed storage, one-time use after opening the bag.

Shelf Life: 24months from the production date under good storage conditions and sound packing.

Specification

L-Cystine	AJI92	USP28	In-house
Appearance	White crystalline or crystalline powder	White crystalline or crystalline powder	White crystalline or crystalline powder
Specific rotation	-215°~-225°	-215°~-225°	-215°~-225°
State of solution	≥98.0%	---	≥90.0%
Chloride(as Cl)	≤0.02%	≤0.05%	≤0.10%
Sulfate(SO ₄)	≤0.02%	≤0.04%	≤0.02%
Ammonium	≤0.02%	---	---
Iron(Fe)	≤10ppm	≤30ppm	≤20ppm
Heavy metal (Pb)	≤10ppm	≤10ppm	≤10ppm
Arsenic(AS ₂ O ₃)	≤1.0ppm	≤1.5ppm	≤1.0ppm
Loss on drying	≤0.20%	≤0.20%	≤0.20%
Residue on ignition	≤0.10%	≤0.40%	≤0.10%
pH	5.0~6.5	5.0~6.5	5.0~6.5
Assay	98.5%~101.5%	98.5~101.5%	98.5%~101.5%
Other amino acids	---	Conforms	Conforms