

NINGBO LONCIN BIOTECHNOLOGY CO., LTD

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Specification Sheets

ProductName:L-Cystine

Reference Standard: USP39

Item	Limit
Appearance	White crystalline powder or crystals
Specific rotation $[\alpha]_D^{20}$	-215°~-225°
State of solution	Clear and crystal \geq 98%
Chloride(Cl)	\leq 0.08%
Ammonium	\leq 0.02%
Sulfate(SO ₄)	\leq 0.02%
Iron(Fe)	\leq 10ppm
Heavy metals(Pb)	\leq 10ppm
Arsenic	\leq 1.0ppm
Other amino acids	Chromatographically not detectable
Loss on drying	\leq 0.20%
Residue on ignition	\leq 0.10%
Assay	98.5~101.0%
PH	5.0~6.5
Total platecount	\leq 1000CFU/G
Molds & yeasts	\leq 100CFU/G
Salmonella	Negative
E.COLI	Negative
Staphylococci	Negative

