

NINGBO LONCIN BIOTECHNOLOGY CO., LTD

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Specification Sheets

NAME: L-Ornithine HCL

STANDARD: AJI92

Shelf Life: 24 months

Storage: Stored in cool place

Item	Limit	Test
Appearance	White crystals or crystalline powder	Visual
Identification	Infrared absorption spectrum	IR
Specific rotation $[\alpha]_D^{20}$	+23.0°~+25.0°	AJI TEST1
State of solution	≥98.0%	AJI TEST2
Sulfate(SO ₄)	≤0.020%	AJI TEST5
Ammonium(NH ₄)	≤0.02%	AJI TEST4
Iron(Fe)	≤10ppm	AJI TEST6
Heavy metals(Pb)	≤10ppm	AJI TEST7
Arsenic(AS ₂ O ₃)	≤1ppm	AJI TEST 8
PH	5.0~6.0	AJI TEST33
Other amino acids	Chromatographically not detectable	AJI TEST9
Loss on drying	≤0.2%	AJI TEST11
Residue on ignition	≤0.10%	AJI TEST13
Assay	99.0~101.0%	AJI TEST14