

Specification of L-carnitine

Product: L-carnitine

Type: Food Grade

Package: 25KG Drum

Check Item	Specification	Method
Identification	In accordance with the IR absorption spectrum of the standard	IR
Appearance	White Crystals or White Crystalline Powder	Visual
Specific rotation	-29.0~-32.0°	USP
PH	5.5~9.5	USP
Water	≤4.0%	USP
Residue on ignition	≤0.5%	USP
Residual solvents	≤0.5%	USP
Sodium	≤0.1%	USP
Potassium	≤0.2%	USP
Chloride	≤0.4%	USP
Cyanide	Non detectable	Ch.P.
Heavy metal	≤10ppm	USP
Arsenic (As)	≤1ppm	USP
Lead (Pb)	≤3ppm	USP
Cadmium (Cd)	≤1ppm	USP
Mercury (Hg)	≤0.1ppm	USP
TPC	≤1000Cfu/g	USP
Yeast & Mold	≤ 100Cfu/g	USP
E.Coli	Negative	USP
Salmonella	Negative	USP
Assay	98.0~102.0%	Titration
bulk density	0.3-0.6g/ml	Physical
Tapped density	0.5-0.8g/ml	Physical

Shelf Life: 24 months

Meet USP standard