

Specification of L-Carnitine Fumarate

Product:L-Carnitine Fumarate

Type: Food Grade

Package: 25KG Drum

Check Item	Specification	Method
Identification	In accordance with the IR absorption spectrum of the standard	IR
Appearance	White Powder or White Crystalline Powder	Visual
Specific rotation	-16.5~-18.5	USP
PH	3.0~4.0	USP
Loss on drying	≤0.50%	USP
Residue on ignition	≤0.50%	USP
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	Non detectable	USP
Salmonella	Non detectable	USP
L-Carnitine	58.5±2.0%	Titration
Fumarate acid	41.5±2.0%	Titration
Bulk density	0.2-0.7g/ml	Physical
tapped density	0.3-0.8g/ml	Physical

Shelf Life: 24months

Meet USP standard