



Specification

Update Jan 15th, 2020

Product Name	L-carnitine Fumarate	Check Foundation	In-house
		25kg net/drum Gross weight:27.50kg Storage condition: under room temperature, cool and dry, avoid direct sunshine	

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	-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	Negative	USP
Salmonella	Negative	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