




Specification

Update Jan 15th, 2019

Product Name	Acetyl-L-carnitine HCL	Check Foundation	Inhouse
		25kg net/drum Gross weight:27.50kg Storage condition: under room temperature, cool and dry, avoid direct sunshine	
Check Item	Specification	Methods	
Identification	In accordance with the IR absorption spectrum of the standard	IR	
Appearance	White Crystals or White Crystalline Powder	Visual	
Particle size (mesh)	Through 20mesh	20 Mesh Screen	
Specific rotation	-27.0~ -29.0°	USP	
PH	2.0~3.0	USP	
Loss on drying	≤0.50%	USP	
Residue on ignition	≤0.50%	USP	
Assay	98.0%~101.0%	Titration	
Heavy metal	≤10ppm	USP	
Lead (Pb)	≤3ppm	USP	
Cadmium (Cd)	≤1ppm	USP	
Mercury (Hg)	≤0.1ppm	USP	
Arsenic (As)	≤1ppm	USP	
TPC	≤1000Cfu/g	USP	
Yeast & Mold	≤100Cfu/g	USP	
E.Coli	Negative	USP	
Salmonella	Negative	USP	
Bulk density	0.3-0.7 g/ml	Physical	
Tapped density	0.5- 0.9 g/ml	Physical	