

## Specification

Update: Apr. 11, 2022

Product Name	Acetyl-L-Carnitine HCL	Check Foundation	In-house Standard
			<p>25.00kg net/drum Gross weight:27.50kg Storage condition: under room temperature, cool and dry, avoid direct sunshine Country of Origin: China Re-testing date(shelf life): 2 years since the MFG</p>

Check Item	Specification	Methods
Identification	In accordance with the IR absorption spectrum of the standard	IR
Appearance	White Crystals or White Crystalline Powder	Visual
<b>Particle size (mesh)</b>	Through 20mesh	20 Mesh Screen
Specific rotation	-27.0~ -29.0	USP
PH	2.3~2.6	USP
Loss on drying	≤0.50%	USP
Residue on ignition	≤0.50%	USP
Assay	98.0%~102.0%	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	Non detectable	USP
Salmonella	Non detectable	USP
Bulk density	0.3-0.7 g/ml	Physical
Tapped density	0.5- 0.9 g/ml	Physical