

# Specification of Acetyl L-Carnitine Hydrochloride

Product: Acetyl L-Carnitine Hydrochloride

Type: Food Grade

Package: 25KG Drum

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%~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

Shelf Life: 24 months

Meet USP standard