

Quality Specification of L-Carnitine

Product: **L-Carnitine Base**

CAS No.: 541-15-1

Quality Standard: USP

Shelf Life: 2 years

Item	Specification
Appearance	White crystalline powder
Identification	IR method
Assay	97.0% ~103.0%
Specific Rotation	-29.0°~132.0°
Appearance of Solution	Clear and Colorless
PH	5.5 ~9.5
Loss on Drying	≤ 4.0%
Residue on Ignition	≤ 0.1%
Heavy Metals	≤ 10 ppm
Arsenic	≤ 1ppm
Chloride	≤ 0.4%
Potassium	≤ 0.2%
Sodium	≤ 0.1%
Total Plate counts	<1000cfu/g
Moulds and yeasts	<100CFU/g
E. Coli	Negative
Salmonella	Negative

Storage: Store in cool and dry place. Keep away from strong direct light and heat.

Note: The product is tested in accordance with US Pharmacopeia (USP) quality standards. An actual batch product's quality meets or is better than the specification requirements.