



Specification

Product Description:

Item: L-Carnitine L-Tartrate

CAS No.: 36687-82-8

Formula: C₁₈H₃₆N₂O₁₂

Molar mass: 472.49 g·mol⁻¹

Standard: It conforms to FCC, USP standard, etc.

Appearance: white crystalline powder

Specification

Check Item	Specification
Identification	In accordance with the IR absorption spectrum of the standard
Appearance	White Crystals or White Crystalline Powder
Particle size (mesh)	Through 20mesh
Specific rotation	-9.5~ -11.0
pH	3.0~4.5
Loss on drying	≤0.50%
Residue on ignition	≤0.50%
Residual solvents (Ethanol)	≤0.5%
Solubility	Clarification
Cyanide	Non detectable
Heavy metal	≤10ppm
Arsenic (As)	≤1ppm
Lead (Pb)	≤3ppm
Cadmium (Cd)	≤1ppm
Mercury (Hg)	≤0.1ppm
TPC	≤1000Cfu/g
Yeast & Mold	≤ 100Cfu/g
E. Coli	Negative
Salmonella	Negative



ACROSS BIOTECH
MAKE A DIFFERENCE

L-Carnitine content	$68.2 \pm 1.0\%$
L-Tartaric acid content	$31.8 \pm 1.0\%$

Package

25kg/drum

Storage and shelf life

Stored in sealed containers and be placed at dry and ventilated place.
The shelf life is 24 months.