



Specification

Product Description:

Item: L-carnitine Hydrochloride

Other names: L-carnitine Hcl

CAS No.: 6645-46-1

Formula: $C_7H_{16}O_3NCl$

Molar mass: $197.66 \text{ g} \cdot \text{mol}^{-1}$

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

Appearance: white powder

Specification

Check Item	Check Indicatrix
Identification	In accordance with the IR absorption spectrum of the standard
Appearance	White Powder
Specific rotation	$-21.5 \sim -23.5^\circ$
pH	$2.5 \sim 2.9$
Loss on drying	$\leq 2.0\%$
Residue On Ignition	$\leq 0.50\%$
Chlorine	$17.0 \sim 18.5\%$
Arsenic	$\leq 2\text{ppm}$
Heavy metals	$\leq 10\text{ppm}$



ACROSS BIOTECH
MAKE A DIFFERENCE

TPC	$\leq 1000\text{Cfu/g}$
Yeast & Mold	$\leq 100\text{Cfu/g}$
E. Coli	Negative
Salmonella	Negative
Assay	98-102%

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.