

Certificate of Analysis

Ingredient Name: Acetyl-L-Carnitine HCl
Batch Number: D050-2005019
Quantity: 750KGS
Country of Origin: China
Date of Manufacture: May.01, 2020
Date of Re-Test : April.30, 2023
Report Date: May.03, 2020
Standard: Q/CDJ3.09 (06)

Item	Standard	Results	Method
Appearance	White crystalline powder	White crystalline powder	Visual
Identification	In accordance with the IR absorption spectrum of the standard	Conforms	IR
Specific Rotation	-27.0° ~ -29.0°	-27.7°	Ch.P.
pH	2.3 ~ 2.6	2.39	Ch.P.
Loss on Drying	≤0.5%	0.28%	Ch.P.
Assay	98.0% ~ 101.0%	99.4%	Titration
Residue on Ignition	≤0.5%	0.07%	Ch.P.
Heavy Metals	≤0.001%	<0.001%	Ch.P.
Arsenic	≤0.0002%	<0.0001%	Ch.P.

We certify that this batch of **Acetyl-L-Carnitine HCL** conforms to Inhouse Standards.
