



Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

CERTIFICATE OF ANALYSIS

Product Name	L-Carnitine		
Batch Number	20250325	Manufacture Date	20250325
Report Date	20250325	Expiry Date	20270324
Item of Analysis	Specification	Results	
Appearance	White crystals or crystalline powder	White crystalline powder	
Identification	IR	Positive	
Appearance of Solution	Clear and Colourless	Clear and Colourless	
Specific rotation	-29° ~-32°	-31.26°	
PH	5.5~9.5	6.75	
Water content	≤1.0%	0.18%	
Residue on Ignition	≤0.1%	0.04%	
Residue Acetone	≤0.1%	0.005%	
Residue Ethanol	≤0.5%	0.10%	
Heavy Metals	≤10ppm	Comforms	
Arsenic	≤1ppm	Comforms	
Chloride	≤0.4%	Comforms	
Potassium	≤0.2%	<0.2%	
Sodium	≤0.1%	<0.1%	
Cyanide	Absent	Comforms	
Assay	≥99.0%	99.48%	
Lead	≤3ppm	Comforms	
Total Plate Count	≤1000cfu/g	40cfu/g	
Yeast & Mold	≤100cfu/g	<20 cfu/g	
E.Coli	Negative	Negative	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.