



NUTRITIONAL INGREDIENT · IMPORTED

L-Carnitine L-Tartrate

L-Carnitine L-tartrate · L-carnitine content 68.2% ± 1.0%

COUNTRY OF ORIGIN

CHINA

RESULT

Conforms

CHEMICAL NAME L-Carnitine L-tartrate	FORM Crystalline powder	STANDARD Manufacturer's enterprise standard	REPORT DATE 2 September 2025
COUNTRY OF ORIGIN China (People's Republic of China)	MFG. DATE 17 August 2025	EXP. DATE 16 August 2028	LOT QUANTITY 1,013 kg

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION & IDENTIFICATION			
1.1	Appearance	White or off-white crystalline powder	Visual	White crystalline powder
1.2	Identification	IR absorption spectrum matches the standard	Ch.P <0402>	Conforms
1.3	Solubility	Soluble in water, practically insoluble in acetone	Visual	Conforms
1.4	Solubility (clarity)	Clear	Visual	Conforms
2.0	PHYSICAL & ANALYTICAL DATA			
2.1	Particle size	100% pass 20 mesh	Sieving	Conforms
2.2	Melting point	169 – 175 °C	Ch.P <0612>	171 – 173 °C
2.3	Specific rotation [α] _D ²⁰	–9.5° to –11.0°	Ch.P <0621>	–10.4°
2.4	Water	≤ 0.50%	Ch.P <0832>	0.10%
2.5	Residue on ignition	≤ 0.3%	Ch.P <0841>	0.02%
2.6	pH	3.0 – 4.5	Ch.P <0631>	3.7
2.7	Chlorides	≤ 0.4%	Ch.P <0801>	< 0.4%
3.0	ASSAY			
3.1	Assay (by anhydrous)	≥ 98.0%	Titration	99.3%
3.2	L-Carnitine content	68.2% ± 1.0%	Titration	67.8%
3.3	Tartaric acid content	31.8% ± 1.0%	Titration	31.9%
4.0	HEAVY METALS			
4.1	Heavy metals	≤ 0.001%	Ch.P <0821>	< 0.001%
4.2	Arsenic	≤ 0.0001%	Ch.P <0822>	< 0.0001%

Remarks: The product L-Carnitine L-Tartrate conforms to the above-mentioned specifications. This material is of Chinese origin and is imported from China.

ORIGIN & SUPPLY CHAIN Country of Origin: CHINA. The product is manufactured in the People's Republic of China and is imported from China. SV Botanica Private Limited supplies this material and is not the manufacturer.	
PACKING 25 kg per drum	STORAGE Store at room temperature in a dry place

