

Specification Sheet

Product Name	L-Carnitine L-Tartrate		
Packing	25Kg/Drum	Shelf Life:	24Months

Items	Specification	Test methods
Appearance	White crystalline powder	Oranoleptic
Specific Rotation $[\alpha]_D^{20}$	-9.50 ~ -11.00°	USP
PH	3.0~ 4.5	USP
Water	6.5~7.5	USP
Residue on ignition	≤1.0%	USP
Heavy Metals	≤0.50%	USP
Arsenic	≤10 ppm	USP
Lead	≤1 ppm	USP
Cadmium	≤3 ppm	USP
Mercury	≤1 ppm	USP
Total plate count	<1000cfu/g	GB
Yeast & molds	<100cfu/g	GB
Residual solvent Acetone Ethanol	≤0.1% ≤0.1%	USP
Mesh size	Through 20 mesh	GB
Assay L-Carnitine Tartaric acid	67.20~69.20% 30.80~32.80%	Titration
Conclusion	Specification meets the enterprise standard.	