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Specification

Technical Data Sheet

Product Name	L-Carnitine
Product No	14710358
CAS Number	541-15-1
Storage Temperature	2 to 8 °C
Molecular Weight	161.20
	Specification
Grade	USP grade
Specific rotation	-29.0° - -32.0°
Heavy metals	≤10ppm
AS	≤1ppm
HG	≤0.1%
Total plate count	≤1000cfu/g
pH	5.5-9.5
Na	≤0.1%
K	≤0.2%
Pb	≤3ppm
Cd	≤1ppm
Loss on Drying	≤0.5%
Assay	≥97% <103%
Residue on Ignition	≤0.1%
Total Yeast & Mould	≤100Cfu/g
Chloride	≤0.4%
Appearance	White crystals or crystalline powder
Residue acetone	≤1000ppm
Residue ethanol	≤5000ppm