

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
Appearance	White crystals or crystalline powder
Conclusion	Conforms to USP
Heavy metals	≤10ppm
Identification	Conforms to reference
Loss on Drying	≤0.5%
pH	5.5-9.5
Specific rotation	-29.0° - -32.0°

Specification

Total plate count	≤ 1000 cfu/g
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Assay	$\geq 97\%$ <103%
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Cadmium (Cd)	≤ 1 ppm
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Residue on Ignition	$\leq 0.1\%$
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Total Yeast & Mould	≤ 100 Cfu/g
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Arsenic (As)	≤ 1 ppm
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Chloride(Cl)	$\leq 0.4\%$
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Lead (Pb)	≤ 3 ppm
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Mercury (Hg)	$\leq 0.1\%$
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Potassium (K)	$\leq 0.2\%$
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Residue acetone	≤ 1000 ppm
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Residue ethanol	≤ 5000 ppm
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Sodium (Na)	$\leq 0.1\%$
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