

Specification

Technical Data Sheet

Product Name	N-Acetyl-L-carnitine hydrochloride
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Product No	90028555
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CAS Number	5080-50-2
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Storage Temperature	2 to 8 °C
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Molecular Weight	239.7
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Specification

Appearance	White crystalline powder
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E.Coli	Negative
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Heavy metals	≤ 10ppm
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Loss on Drying	≤ 0.5%
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Melting Point	187 - 189°C
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pH	2.3 - 2.6
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Salmonella	Negative
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Specification

Specific rotation	-27 to -29°
Appearance of Solution	Clear, colourless, and complete.
Assay	98.0 - 101%
Bulk density	0.3 - 0.7g/ml
Cadmium (Cd)	≤ 1ppm
Particle size(Mesh)	Through 20mesh
Residual Solvents	≤ 0.1%
Residue on Ignition	≤ 0.5%
Tapped Density	0.5 - 0.9g/ml
Yeast & Mold	≤ 100Cfu/g
Arsenic (As)	≤ 1ppm
Identification (IR)	Conforms to structure
Lead (Pb)	≤ 3ppm
Mercury (Hg)	≤ 0.1ppm
TPC	≤ 1,000cfu/g