

# Specification

## Technical Data Sheet

<b>Product Name</b>	Propionyl-L-carnitine hydrochloride
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<b>Product No</b>	89967749
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<b>CAS Number</b>	119793-66-7
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	253.72
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### Specification

<b>Appearance</b>	White powder
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<b>Identification</b>	Conforms to reference
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<b>Loss on Drying</b>	≤ 1.0%
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<b>pH</b>	2 - 3
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<b>Salmonella</b>	Negative
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<b>Specific rotation</b>	-25 to -28
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<b>Total plate count</b>	≤ 1000cfu/g
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## Specification

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<b>Assay</b>	98.0 - 102.0%
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<b>Coliforms</b>	Negative
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<b>Residue on Ignition</b>	$\leq 0.5\%$
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<b>Arsenic (As)</b>	$\leq 0.1\text{ppm}$
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<b>Mercury (Hg)</b>	$\leq 0.1\text{ppm}$
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<b>Mould and Yeast</b>	$\leq 50\text{cfu/g}$
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