

Specification

Technical Data Sheet

Product Name	L-Ornithine hydrochloride
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Product No	11702720
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CAS Number	3184-13-2
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Storage Temperature	Ambient
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Molecular Weight	168.62
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Specification

Appearance	White crystalline powder
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Heavy metals	≤ 10 ppm
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Loss on Drying	≤ 0.20 %
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pH	5.0 - 6.0
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Specific rotation	$\geq +23.0 - +25.0$ ° \leq
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Assay (Titration)	$\geq 99 - 101$ % \leq
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Iron (Fe)	≤ 10 ppm
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Specification

Residue on Ignition	$\leq 0.10 \%$
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State of Solution	$\geq 98.0 \%$
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Ammonium (NH₄)	$\leq 0.02 \%$
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Arsenic (As₂O₃)	$\leq 1 \text{ ppm}$
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Sulphate (SO₄)	$\leq 0.020 \%$
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