

Specification

Technical Data Sheet

Product Name	L-Proline
Product No	13422892
CAS Number	147-85-3
Storage Temperature	Ambient
Molecular Weight	115.13
	Specification
Appearance	White powder
Heavy metals	≤ 15ppm
Identification	Conforms to reference
Loss on Drying	≤ 0.3%
pH	5.9 - 6.9
Specific rotation	-84.5° to -86.0°
Assay	99.0 - 101.0%

Specification

Chloride (Cl)	$\leq 0.050\%$
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Iron (Fe)	$\leq 30\text{ppm}$
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Residue on Ignition	$\leq 0.10\%$
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Sulfate (SO₄)	$\leq 0.050\%$
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Ammonium (NH₄)	$\leq 0.02\%$
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Arsenic (As)	$\leq 1\text{ppm}$
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