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Specification Sheet

Product Name: **L-Proline**
Specifications & Purity: **99%**
SKU #: **P108709**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20}^D(c=4 \text{ in H}_2\text{O})$	-86--84 (°)
Nitrogen by Elemental Analysis	11.9-12.5 (%)
Ignition Residue	0-0.1 (%)
Carbon by Elemental Analysis	51.1-53.2 (%)
pH	5.9-6.9
Purity(Nonaqueous Titration)	98.5-101.5 (%)
Loss on drying	0-0.3 (%)
Purity(HPLC)(CAD)	99-100 (%)
Appearance (P108709)	White powder
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass
Proton NMR spectrum	Conforms to Structure

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