



CERTIFICATE OF ANALYSIS

L-PROLINE

Assay (C ₅ H ₉ NO ₂) (dried basis)	98.5 - 101.5 %
Identification	Passes Test
Specific Rotation [α] ²⁵ _D	-86.3 - -84.3 °
Loss on Drying at 105°C	max. 0.4 %
Residue on Ignition	max. 0.4 %
Chloride (Cl)	max. 0.05 %
Sulfate (SO ₄)	max. 0.03 %
Iron (Fe)	max. 0.003 %
Chromatographic Purity:	
Individual Impurities	max. 0.5 %
Total Impurities	max. 2.0 %
Heavy Metals (as Pb)	max. 0.0015 %

