

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02631
Product	Acetyl-L-proline
Lot Number	000424-221116-11054 Ac-L-Pro-OH
CAS Number	68-95-1
Molecular Formula	C ₇ H ₁₁ NO ₃
Molecular Weight	157.2
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	114.6 - 115.4 °C
Water Content (Karl Fisher)	0.37%
Optical Rotation	[α] ²⁰ _D = -111.8 ° (C=1 in Water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.34% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.16%
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager