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Certificate of Analysis

Catalogue Number	02905
Lot Number	000424-141109-10846
Product	L-Proline benzyl ester hydrochloride L-Pro-OBzl•HCl (S)-Pyrrolidine-2-carboxylic acid benzyl ester hydrochloride
CAS Number	16652-71-4
Molecular Formula	C ₁₂ H ₁₅ NO ₂ •HCl
Molecular Weight	241.7
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	140.3-141.3 °C
Water Content (Karl Fisher)	0.306%
Optical Rotation	[α] _D ²⁰ = -43.5° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.79%
¹H NMR	Conforms to structure
Purity by HPLC	99.32%
Storage	Store at 0-8 °C

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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