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Certificate of Analysis

Catalogue Number	05315
Lot Number	000424-140429-16613
Product	Benzyl-L-proline Bzl-L-Pro-OH (S)-Benzyl-pyrrolidine-2-carboxylic acid
CAS Number	31795-93-4
Molecular Formula	C ₁₂ H ₁₅ NO ₂
Molecular Weight	205.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	172.7-183.1 °C
Water Content (Karl Fisher)	1.52%
Optical Rotation	[α] _D ²⁰ = -29.5° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.01% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.53%
Storage	Store at 0-8 °C
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