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Certificate of Analysis

Catalogue Number	03132
Lot Number	000424-160120-10844
Product	L-Proline <i>tert</i>-butyl ester L-Pro-OtBu (S)-Pyrrolidine-2-carboxylic acid <i>tert</i> -butyl ester
CAS Number	2812-46-6
Molecular Formula	C ₉ H ₁₇ NO ₂
Molecular Weight	171.2

Appearance	Colorless liquid
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	0.622%
Optical Rotation	[α] _D ²⁰ = - 43.0 ° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	98.38%
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