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Certificate of Analysis

Catalogue Number	16257
Product	Z-D-homoproline
Lot Number	000424-190802-22391 Z-D-HomoPro-OH
CAS Number	28697-09-8
Molecular Formula	C ₁₄ H ₁₇ NO ₄
Molecular Weight	263.3
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	112.7 - 113.3 °C
Water Content (Karl Fisher)	0.113%
Optical Rotation	[α] _D ²⁰ = 42.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.110% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.03%
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