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Certificate of Analysis

Catalogue Number 02118
Lot Number 130823-13703
Product **Z-L-alanine amide**

Z-L-Ala-NH₂

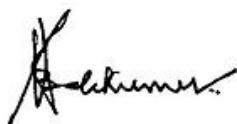
CAS Number 13139-27-0
Molecular Formula C₁₁H₁₄N₂O₃

Molecular Weight 222.25

Appearance White powder
Solubility Clear solution (0.1 g in 2 mL MeOH)
Melting Point 133.2-134.2 °C
Water Content (Karl Fisher) 0.187%
Optical Rotation [α]_D²⁰ = - 3.0 ° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.14% (60 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.3%
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