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Certificate of Analysis

Catalogue Number 02680
Lot Number 000424-131113-12004
Product **Z-N-methyl-L-valine**

Z-N-Me-L-Val-OH

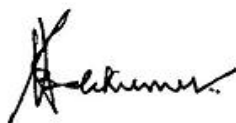
CAS Number 42417-65-2
Molecular Formula C₁₄H₁₉NO₄

Molecular Weight 265.3

Appearance White powder
Solubility Clear solution (0.3 g in 2 ml DMF)
Melting Point 68.6-69.3 °C
Water Content (Karl Fisher) 0.058%
Optical Rotation [α]_D²⁰ = -95.7° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.19% (30 °C, 2 h)
¹H NMR Conforms to structure
Purity by HPLC 98.18%
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