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Certificate of Analysis

Catalogue Number 04404
Lot Number 000424-131118-10887
Product **Formyl-L-alanine**

For-L-Ala-OH

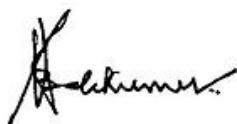
CAS Number 10512-86-4
Molecular Formula C₄H₇NO₃

Molecular Weight 117.1

Appearance White powder
Solubility Clear solution (0.3 gram in 2 mL MeOH)
Melting Point 134.0-138.6 °C
Water Content (Karl Fisher) 0.101%
Optical Rotation [α]_D²⁰ = -41.4° (C=1% in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.23% (60 °C, 2 h)
¹H NMR Conforms to structure
Purity by HPLC 99.23%
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