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Certificate of Analysis

Catalogue Number	08110
Product	Formyl-L-methionine
Lot Number	000424-0520-10835 For-L-Met-OH
CAS Number	4289-98-9
Molecular Formula	C ₆ H ₁₁ NO ₃ S
Molecular Weight	177.22

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 ml MeOH)
Melting Point	98.6-99.6 °C
Water Content (Karl Fisher)	0.228%
Optical Rotation	[α] _D ²⁰ = + 7.5 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.13% (45 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	98.61%
Storage	Store at 0-8°C

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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