

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03106
Product	D-Methionine methyl ester hydrochloride
Lot Number	000424-190506-10827 D-Met-OMe•HCl
CAS Number	69630-60-0
Molecular Formula	C ₆ H ₁₃ NO ₂ S•HCl
Molecular Weight	199.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml H ₂ O)
Melting Point	141.1 - 142.9 °C
Water Content (Karl Fisher)	0.57%
Optical Rotation	[α] _D ²⁰ = -25.1 ° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.38% (70 °C, 2 hrs)
¹H NMR	Conforms to structure
Purity by HPLC	98.33%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 03106

Lot Number: 000424-190506-10827

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