

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

Product Specifications

Catalogue Number	03106
Product	D-Methionine methyl ester hydrochloride 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 crystalline lump
Solubility	Clear solution (0.3 g in 2 ml H ₂ O)
Melting Point	135 - 155 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -26 ± 2° (C=1 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 2% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only