

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	08110
Product	Formyl-L-methionine
	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 - 115 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 7.5 ± 2 ° (C=2 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (45 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only