

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	06626
Lot Number	000424-150916-10826
Product	L-Methionine <i>tert</i>-butyl ester hydrochloride L-Met-OtBu•HCl
CAS Number	91183-71-0
Molecular Formula	C ₉ H ₁₉ NO ₂ S•HCl
Molecular Weight	241.73

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	148.3-149 °C
Water Content (Karl Fisher)	0.11%
Optical Rotation	[α] _D ²⁰ = +9.3° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.69% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	99.75%
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