

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	03022
Product	L-Arginine methyl ester dihydrochloride
Lot Number	000424-160407-13092 L-Arg-OMe•2HCl
CAS Number	26340-89-6
Molecular Formula	C ₇ H ₁₆ N ₄ O ₂ •2HCl
Molecular Weight	261.2

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 4 mL DMF)
Melting Point	181.8-183.5 °C
Water Content (Karl Fisher)	0.164%
Optical Rotation	[α] _D ²⁰ = +22° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.66% (75 °C, 2 hr)
¹H NMR	Conforms to structure
Purity by HPLC	99.86%
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