

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	02693
Lot Number	000424-230420-16038
Product	<i>N^ω</i>-Nitro-L-arginine L-Arg(NO ₂)-OH
CAS Number	2149-70-4
Molecular Formula	C ₆ H ₁₃ N ₅ O ₄
Molecular Weight	219.2

Appearance	White powder
Solubility	Clear solution 0.3 g in 2 mL 2N HCl
Melting Point	240.6 - 244.3 °C
Elemental Analysis (Found)	C, H and N : < 5%
Optical Rotation	[α] ²⁰ _D = 24.1 ° (C=2 in 2N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.35% (105 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.96%
Storage	Store at RT
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