

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	36937
Product	L-Arginine, from non-animal source, suitable
Lot Number	002895-002002 (S)-2-Amino-5-((aminoiminomethyl)amino)pentanoic acid L-Arg-OH
CAS Number	74-79-3
Molecular Formula	C ₆ H ₁₄ N ₄ O ₂
Molecular Weight	174.2

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl) : < 0.020% Sulfate (SO ₄) : < 0.020%
Cation	Ammonium (NH ₄) : < 0.02% Iron (Fe) : < 10 ppm Arsenic : < 1 ppm
pH	11.4
Mould and Yeast	Mold : < 10 cfu/g
Optical Rotation	[α] ²⁰ _D = 27.3 ° [α] ²⁵ _D = 27.1 °
Transmission	State of solution : > 98%, Clear and colorless solution
Loss on Drying	0.13%
E. Coli	Negative
Endotoxin Test	< 6.0 EU/g
Microbial Count	< 100 cfu/g (Total microorganism)
Related Substances	Passes test
Residue On Ignition	0.01%
Assay	99.9%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification : Passes test

Certificate of Analysis

Catalog Number: 36937

Lot Number: 002895-002002

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