

Chem-Impex International, Inc.

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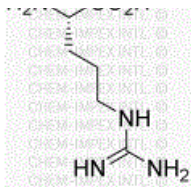
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00024
Product	L-Arginine L-Arg-OH (S)-2-Amino-5-((aminoiminomethyl)amino)pentanoic acid
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	≤ 15 ppm
Anion	Chloride (Cl ⁻) : ≤ 0.05% Sulfate (SO ₄ ²⁻) : ≤ 0.03%
Cation	Iron (Fe): ≤ 30 ppm
Optical Rotation	[α] _D ²⁵ = 26.3 - 27.7 °
Loss on Drying	≤ 0.5% (105 °, 3h)
Related Substances	Individual impurity : ≤ 0.5% Total impurities : ≤ 2%
Residue On Ignition	≤ 0.3%
Assay	98.5 - 101.5% (On dried basis)
Grade	Meets USP Specification
Storage	Store at RT
Additional Information	Identification : Test for Infrared spectroscopy : Conforms to structure

For Laboratory Use Only