

Chem-Impex International, Inc.

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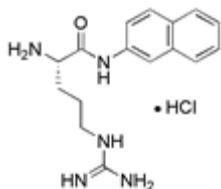
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	21503
Product	L-Arginine β-naphthylamide hydrochloride
	Arginine- β NA•HCl
CAS Number	18905-73-2
Molecular Formula	C ₁₆ H ₂₁ N ₅ O•HCl
Molecular Weight	335.84
Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/ml in methanol)
Melting Point	187-191 °C
Anion	Chloride content: \leq 11% (Titration)
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (6:5:1:3) n-butanol/Acetic acid/H ₂ O (4:2:2) Plate: Silica gel 60 F ₂₅₄ Detected by: Chlorine-tolidine
Assay	\geq 99% (Elemental analysis based on Nitrogen content)
Purity by TLC	\geq 99%
Storage	Store at \leq -4 °C

For Laboratory Use Only