

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	21503
Lot Number	000127-1026286
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	189 °C
Anion	Chloride content: 10.5% (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	99.8% (Nth 20.85%, Nfd 20.808%)
Purity by TLC	> 99%
Storage	Store at ≤ -4 °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