

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	08994
Lot Number	000127-1000042199
Product	Phe-Arg-βNA•2HCl Phe-Arg β-naphthylamide dihydrochloride
CAS Number	100929-99-5
Molecular Formula	C ₂₅ H ₃₀ N ₆ O ₂ •2HCl
Molecular Weight	519.47

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in Methanol)
Water Content (Karl Fisher)	1.7%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic acid/H ₂ O (6:5:1:3) Plate : silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Titration	Chloride content : 13.5%
Assay	98.1% (Nfd : 15.87 elemental analysis)
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