

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

Catalog Number	05562
Product Name	Boc-N-Me-Arg(Tos)-OH Boc-N ^α -methyl-N ^ω -4-toluenesulfonyl-L-arginine
Lot Number	510219
CAS Registry Number	108695-16-5
Molecular Formula	C ₁₉ H ₃₀ N ₄ O ₆ S
Molecular Weight	442.5
Appearance	White crystalline powder
Melting Point	134 °C
Specific Optical Rotation	α _D ²⁴ = -19.5 ° (1% in Methanol)
CHN-Analysis	Calc. as 0.2 H ₂ O (0.8%)
Elemental Analysis (Theory)	C 51.15% H 6.87% N 12.56%
Elemental Analysis (Found)	C 50.74% H 6.74% N 12.62%
Assay (Elemental Analysis)	99.7% Based on Nitrogen content
Assay (Elemental Analysis)	Theory N 12.66% Found N 12.62%
Identification (TLC)	Conforms with authentic material
Assay by TLC	> 99%
Chloroform/methanol/acetic acid 85/10/5	Detected by: UV, Ninhydrin, TMB
Chloroform/methanol/acetic acid/H₂O 70/42/0.5/10	
Plate: Silicagel 60 F₂₅₄	
Water Content (KF Volumetric)	0.8%
Storage	Store at -0°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager