

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 14:50:39
Date of Next Testing: 2029-07-16 14:50:39
Product Name: **N α -p-Tosyl-L-arginine methyl ester hydrochloride**
CAS Number: 1784-03-8
Specifications & Purity: \geq 98%
Lot #: J2111119
SKU #: **T105948**
Version: **1**
Analysis #: **543179**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	146-150 (°C)	146.78000 °C
Purity(HPLC)	98-100 (%)	98.98000 %
Specific Rotation [a] ₂₀ /D(c=4 in H ₂ O)	-15--13 (°)	-13.78 °
Carbon by Elemental Analysis	43.3-45.5 (%)	43.60 %
Nitrogen by Elemental Analysis	14.4-15.3 (%)	14.89 %
Appearance (T105948)	white powder or crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager