

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-26 11:19:05

Date of Next Testing: 2030-03-25 11:19:05

Product Name: **N α -p-Tosyl-L-arginine methyl ester hydrochloride**

CAS Number: 1784-03-8

Specifications & Purity: $\geq 98\%$

Lot #: C2616422

SKU #: **T105948**

Version: **1**

Analysis #: **662418**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	146-150 (°C)	149.83000 °C
Purity(HPLC)	98-100 (%)	98.79500 %
Specific Rotation [a] ₂₀ /D(c=4 in H ₂ O)	-15--13 (°)	-14.07200 °
Carbon by Elemental Analysis	43.3-45.5 (%)	44.31800 %
Nitrogen by Elemental Analysis	14.4-15.3 (%)	14.80200 %
Appearance (T105948)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager