

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-02 10:47:47

Date of Next Testing: 2029-09-01 10:47:47

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

CAS Number: 1784-03-8

Specifications & Purity: $\geq 98\%$

Lot #: H2526720

SKU #: **T105948**

Version: **1**

Analysis #: **366823**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	146-150 (°C)	147.10000 °C
Purity(HPLC)	98-100 (%)	99.10000 %
Specific Rotation [a] ₂₀ /D(c=4 in H ₂ O)	-15--13 (°)	-14.25000 °
Carbon by Elemental Analysis	43.3-45.5 (%)	45.18000 %
Nitrogen by Elemental Analysis	14.4-15.3 (%)	14.92000 %
Appearance (T105948)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager