

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 16:18:06
 Date of Next Testing: 2029-04-15 16:18:06
 Product Name: **Fmoc-Thr(tBu)-OH**
 CAS Number: 71989-35-0
 Specifications & Purity: $\geq 98\%$
 Lot #: F2130170
 SKU #: **F110979**
 Version: **1**
 Analysis #: **494150**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.82500 %
Water by Karl Fischer	0-0.5 (%)	0.01000 %
Melting point	131-135 (°C)	131.10000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	14-17 (°)	16.27900 °
Appearance (F110979)	White to Light yellow crystalline powder	White to light yellow crystalline powder
Elemental Analysis	Consistent	Consistent
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager