

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 18:49:02

Date of Next Testing: 2027-02-09 18:49:02

Product Name: **Fmoc-Thr(tBu)-OH**

CAS Number: 71989-35-0

Specifications & Purity: $\geq 98\%$

Lot #: B2303446

SKU #: **F110979**

Version: **1**

Analysis #: **142392**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.25100 %
Water by Karl Fischer	0-0.5 (%)	0.26000 %
Melting point	131-135 (°C)	132.47000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	14-17 (°)	15.55900 °
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