

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-17 19:16:25
 Date of Next Testing: 2028-12-16 19:16:25
 Product Name: **Fmoc-Thr(tBu)-OH**
 CAS Number: 71989-35-0
 Specifications & Purity: $\geq 98\%$
 Lot #: L2417033
 SKU #: **F110979**
 Version: **1**
 Analysis #: **047595**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.09600 %
Water by Karl Fischer	0-0.5 (%)	0.25000 %
Melting point	131-135 (°C)	133.29000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	14-16 (°)	15.96400 °
Appearance (F110979)	white crystalline powder	white crystalline powder
Elemental Analysis	Consistent	Consistent
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager