

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-09 14:58:56
 Date of Next Testing: 2027-06-08 14:58:56
 Product Name: **Fmoc-D-Thr(tBu)-OH**
 CAS Number: 138797-71-4
 Specifications & Purity: $\geq 98\%$
 Lot #: F2303256
 SKU #: **F116848**
 Version: **0**
 Analysis #: **223038**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.01500%
Melting point	125-135 (°C)	134.41000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Ethyl Acetate})$	-16.5--13.5 (°)	-14.97200 °
Appearance (F116848)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager