

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 14:37:21

Date of Next Testing: 2025-03-14 14:37:21

Product Name: **Fmoc-D-Pip-OH**

CAS Number: 101555-63-9

Specifications & Purity: $\geq 98\%$

Lot #: H1517085

SKU #: **I137410**

Version: **0**

Analysis #: **199504**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	98.20000 %
Purity(HPLC)	98-100 (%)	98.09000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	19-29 ($^{\circ}$)	23.80000 $^{\circ}$
Appearance (I137410)	White to Tan Powder or Crystals	White to Tan Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager