

Certificate of Analysis

Date of Testing: 2025-05-20 16:36:10
Date of Next Testing: 2027-05-20 16:36:10
Product Name: **Fmoc-D-Pip-OH**
CAS Number: 101555-63-9
Specifications & Purity: $\geq 98\%$
Lot #: H2315445
SKU #: **I137410**
Version: **0**
Analysis #: **511849**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.60%
Purity(HPLC)	98-100 (%)	99.30000%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMF})$	19-29 ($^{\circ}$)	22.80 $^{\circ}$
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