

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-21 09:45:22  
Date of Next Testing: 2027-09-20 09:45:22  
Product Name: **Fmoc-His(Trt)-OH**  
CAS Number: 109425-51-6  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2311473  
SKU #: **F116780**  
Version: **0**  
Analysis #: **255043**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	94-106 (%)	103.28000 %
Purity(HPLC)	98-100 (%)	98.40200 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in CHCL}_3)$	82-100 (°)	99.90100 °
Appearance (F116780)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager