

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 14:47:19
Date of Next Testing: 2029-07-16 14:47:19
Product Name: **Fmoc-Cys(Acm)-OH**
CAS Number: 86060-81-3
Specifications & Purity: $\geq 98\%$
Lot #: J2109405
SKU #: **F116775**
Version: **1**
Analysis #: **543178**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Free Enantiomer	0-0.1 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-33.5--30.5 (°)	-31.00°
Loss on drying	0-0.2 (%)	0.06 %
Free Amino Acid	0-0.1 (%)	0.06 %
Purity(HPLC)	98-100 (%)	98.41470 %
Melting point	145-160 (°C)	152.98000 °C
Appearance (F116775)	White to Off-White to Light Yellow Powder to Crystal	White to off-white to Light yellow powder to crystal
TLC Analysis	One spot	One spot
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager