

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-08-12 10:13:23
Date of Next Testing:	2028-08-11 10:13:23
Product Name:	Fmoc-D-Lys(Boc)-OH
CAS Number:	92122-45-7
Specifications & Purity:	99%
Lot #:	G1209056
SKU #	F100414
Version	2
Analysis #:	397832
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.00000 %
Carbon by Elemental Analysis	65-68.3 (%)	66.32 %
Melting point	128-139 (°C)	129.82000 °C
Elemental analysis(Nitrogen)	5.8-6.1 (%)	5.83 %
Specific Rotation [α] ₂₀ /D(c=1 in DMF)	9.5-14.5 (°)	11.62°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(F100414)	White to Faint Yellow and Faint Beige Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s)	White to Faint Yellow and Faint Beige Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s)



John Su
QA & QC Manager