

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-30 10:33:03
 Date of Next Testing: 2027-11-29 10:33:03
 Product Name: **Fmoc-D-Lys(Boc)-OH**
 CAS Number: 92122-45-7
 Specifications & Purity: 99%
 Lot #: K2324245
 SKU #: **F100414**
Analysis: **290094**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.81100 %
Carbon by Elemental Analysis	65-68.3 (%)	66.31 %
Melting point	128-139 (°C)	130.02000 °C
Elemental analysis(Nitrogen)	5.8-6.1 (%)	6.05 %
Specific Rotation [α] ₂₀ /D(c=1 in DMF)	9.5-14.5 (°)	11.69°
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)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager