

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 17:32:41
Date of Next Testing: 2026-10-16 17:32:41
Product Name: **11,12-Dihydroindolo[2,3-a]carbazole**
CAS Number: 60511-85-5
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: J2211936
SKU #: **D154449**
Version: **0**
Analysis #: **136463**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.60300 %
Purity(total nitrogen)	98-100 (%)	98.54 %
Appearance (D154449)	White to Yellow Solid to Powder to Crystal	White to Yellow Solid to Powder to Crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager