

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-28 14:51:17
 Date of Next Testing: 2027-02-27 14:51:17
 Product Name: **3-Amino-9-ethylcarbazole**
 CAS Number: 132-32-1
 Specifications & Purity: $\geq 95\%$
 Lot #: B2322397
 SKU #: **A105545**
 Version: **2**
 Analysis #: **057383**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	12-16.6 (%)	13.17000 %
solvent content by GC	0-3 (%)	2.00000 %
Carbon by Elemental Analysis	72-88 (%)	78.51000 %
Purity(GC)	95-100 (%)	95.83000 %
Appearance (A105545)	Beige to Brown Powder or Crystal or Chunks	Beige to Brown Powder or Crystal or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager