

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-04 14:09:59

Date of Next Testing: 2027-03-03 14:09:59

Product Name: **3-(tert-Butyl)-9H-carbazole**

CAS Number: 22401-74-7

Specifications & Purity: $\geq 95\%$

Lot #: B2324974

SKU #: **T161623**

Version: **1**

Analysis #: **165173**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.13500 %
Melting point	147-157 (°C)	152.82000 °C
Appearance(T161623)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager