

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-12 11:12:18
 Date of Next Testing: 2027-06-11 11:12:18
 Product Name: **1,3,5-Tri(9H-carbazol-9-yl)benzene**
 CAS Number: 148044-07-9
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: I1905023
 SKU # **T123337**
 Version **0**
 Analysis #: **239674**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	84.8-91 (%)	86.63000 %
Nitrogen by Elemental Analysis	7.1-7.6 (%)	7.55000 %
Purity(HPLC)	98-100 (%)	98.84500 %
Appearance (T123337)	white to grey to beige powder or crystals	White to grey to beige Powder or Crystals
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager