

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-08 09:30:46  
Date of Next Testing: 2027-02-07 09:30:46  
Product Name: **Carbazole**  
CAS Number: 86-74-8  
Specifications & Purity:  $\geq 96\%$   
Lot #: B2306864  
SKU #: **C104875**  
Version: **0**  
Analysis #: **185242**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	8.2-8.5 (%)	8.23000 %
Purity(GC)	96-100 (%)	97.39300 %
Carbon by Elemental Analysis	84.5-87.9 (%)	86.10300 %
Melting point	240-246 (°C)	245.25000 °C
Appearance (C104875)	White to Tan Solid, Powder,Crystals and/or Chunks	White to Tan Solid, Powder,Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Colorless to Yellow Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager