

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-02 15:20:17

Date of Next Testing: 2029-07-01 15:20:17

Product Name: **Carbazole**

CAS Number: 86-74-8

Specifications & Purity:  $\geq 96\%$ 

Lot #: F2530006

SKU #: **C104875**

Version: **0**

Analysis #: **536187**

Storage Temperature: Room temperature

| Parameter                                                                     | Limit Values                                         | Result                                               |
|-------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Nitrogen by Elemental Analysis                                                | 8.2-8.5 (%)                                          | 8.30120 %                                            |
| Purity(GC)                                                                    | 96-100 (%)                                           | 99.33900 %                                           |
| Carbon by Elemental Analysis                                                  | 84.5-87.9 (%)                                        | 85.36930 %                                           |
| Melting point                                                                 | 240-246 (°C)                                         | 245.09000 °C                                         |
| Appearance (C104875)                                                          | White to Tan Solid,<br>Powder,Crystals and/or Chunks | White to Tan Solid,<br>Powder,Crystals and/or Chunks |
| Infrared spectrum                                                             | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in Acetone , Colorless to Yellow Clear<br>to Slightly Hazy,50mg/ml | pass                                                 | Pass                                                 |



John Su  
QA & QC Manager