

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-26 16:53:40  
 Date of Next Testing: 2027-06-16 16:53:40  
 Product Name: **2-Naphthol**  
 CAS Number: 135-19-3  
 Specifications & Purity: indicator, for fluorescence analysis, ≥99%(GC)  
 Lot #: L2109316  
 SKU #: **N108423**  
 Version: **0**  
 Analysis #: **525683**  
 Storage Temperature: Protected from light, Room temperature, Cool

| Parameter                                                                  | Limit Values                                          | Result                                                |
|----------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Carbon by Elemental Analysis                                               | 82-83.8 (%)                                           | 82.30000 %                                            |
| Hydrogen by Elemental Analysis                                             | 5-6.1 (%)                                             | 5.60000 %                                             |
| Ignition Residue                                                           | 0-0.05 (%)                                            | 0.00600 %                                             |
| Purity(GC)                                                                 | 99-100 (%)                                            | 99.47700 %                                            |
| Melting point                                                              | 121-122 (°C)                                          | 121.98000 °C                                          |
| Appearance (N108423)                                                       | Off-White to Beige to Light Brown<br>Powder or Flakes | Off-White to Beige to Light Brown<br>Powder or Flakes |
| Fluorescence, λ <sub>ex</sub> 320 nm; λ <sub>em</sub> 410 nm in 0.1 M NaOH | Conforms                                              | Conforms                                              |
| Solubility in MeOH , Colorless to yellow-brown clear(<3.5NTU)(100mg/ml)    | pass                                                  | Pass                                                  |
| Infrared spectrum                                                          | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager