

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-05 17:01:05

Date of Next Testing: 2024-06-04 17:01:05

Product Name: **1,8-Bis(dimethylamino)naphthalene [for Dehydrohalogenation]**

CAS Number: 20734-58-1

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: F2201256

SKU #: **B132323**

Version: **0**

Analysis #: **091390**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                                                                     | Limit Values                                        | Result                                              |
|-------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(GC)                                                                    | 98-100 (%)                                          | 99.95100 %                                          |
| Purity(Nonaqueous Titration)                                                  | 98-100 (%)                                          | 99.20000 %                                          |
| Melting point                                                                 | 47-51 (°C)                                          | 50.88000 °C                                         |
| Appearance (B132323)                                                          | White to Yellow to Red to Tan<br>Powder or crystals | White to Yellow to Red to Tan<br>Powder or crystals |
| Infrared spectrum                                                             | Conforms to Structure                               | Conforms to Structure                               |
| Proton NMR spectrum                                                           | Conforms to Structure                               | Conforms to Structure                               |
| Solubility in CHCL <sub>3</sub> , Yellow to Yellow-Green<br>, Clear ,50 mg/mL | pass                                                | Pass                                                |



John Su  
QA & QC Manager