

## Certificate of Analysis

Date of Testing: 2025-06-16 13:17:21

Date of Next Testing: 2027-06-16 13:17:21

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

CAS Number: 20734-58-1

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

Lot #: L2114113

SKU #: **B132323**

Version: **0**

Analysis #: **523480**

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

| Parameter                                                                     | Limit Values                                        | Result                                              |
|-------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(GC)                                                                    | 98-100 (%)                                          | 99.80 %                                             |
| Melting point                                                                 | 47-51 (°C)                                          | 50.00000 °C                                         |
| Purity(Nonaqueous Titration)                                                  | 98-100 (%)                                          | 99.00 %                                             |
| 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                                                |



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