

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-28 10:40:35

Date of Next Testing: 2028-10-27 10:40:35

Product Name: **2,7-Dihydroxynaphthalene**

CAS Number: 582-17-2

Specifications & Purity:  $\geq 97\%$

Lot #: J2422472

SKU #: **D104853**

Version: **1**

Analysis #: **417601**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                                 | Limit Values                              | Result                                    |
|---------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Melting point                                                             | 184-194 (°C)                              | 191.68000 °C                              |
| Purity(HPLC)                                                              | 97-100 (%)                                | 100.00000 %                               |
| $\beta$ -Naphthol                                                         | 0-0.5 (%)                                 | 0.00000 %                                 |
| Appearance (D104853)                                                      | White to Grey to Green powder or crystals | White to Grey to Green powder or crystals |
| Solubility in 95% EtOH , Clear to Slightly hazy, white to brown, 50 mg/ml | pass                                      | Pass                                      |
| Proton NMR spectrum                                                       | Conforms to structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager