

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-24 11:22:15  
 Date of Next Testing: 2027-05-23 11:22:15  
 Product Name: **Sodium 2-Naphthol-7-sulfonate Hydrate**  
 CAS Number: 135-55-7  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: E23081214  
 SKU #: **S161176**  
 Version: **0**  
 Analysis #: **180679**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values                                  | Result                                        |
|--------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water by Karl Fischer          | 0-8 (%)                                       | 3.04100 %                                     |
| Purity(HPLC)                   | 98-100 (%)                                    | 98.94000 %                                    |
| Appearance (S161176)           | white to light red-gray powder crystal chunks | white to light red-gray powder crystal chunks |
| ICP: Confirms Sodium Component | Confirmed                                     | Confirmed                                     |
| Proton NMR spectrum            | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager