

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-29 16:15:45

Date of Next Testing: 2029-09-28 16:15:45

Product Name: **8-Aminonaphthalene-1,3,6-trisulfonic acid disodium salt (ANTS)**

CAS Number: 5398-34-5

Specifications & Purity:  $\geq 98\%$

Lot #: I2523121

SKU #: **A107184**

Version: **0**

Analysis #: **574232**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                                                                | Limit Values                                                     | Result                                                           |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Purity(HPLC)                                                                             | 98-100 (%)                                                       | 99.80700 %                                                       |
| Purity(Neutralization titration)(calcd.on<br>anh.substance)                              | 98-100 (%)                                                       | 99.58000 %                                                       |
| Moisture content                                                                         | 4-15 (%)                                                         | 14.89000 %                                                       |
| Appearance (A107184)                                                                     | White to Light Brown to to Orange to<br>Green Powder or Crystals | White to Light Brown to to Orange to<br>Green Powder or Crystals |
| Fluorescence, $\lambda_{ex}$ 356nm; $\lambda_{em}$ 512nm(0.1<br>M phosphate buffer,pH7.0 | Conforms                                                         | Conforms                                                         |
| ICP:Confirms Sodium Component                                                            | Confirmed                                                        | Confirmed                                                        |
| Proton NMR spectrum                                                                      | Conforms to Structure                                            | Conforms to Structure                                            |



John Su  
QA & QC Manager