

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| Date of Testing:         | 2025-05-22 13:51:42                                     |
| Date of Next Testing:    | 2029-05-21 13:51:42                                     |
| Product Name:            | <b>Trisodium Naphthalene-1,3,6-trisulfonate Hydrate</b> |
| CAS Number:              | 5182-30-9                                               |
| Specifications & Purity: | 65.0%(HPLC)                                             |
| Lot #:                   | E2520474                                                |
| SKU #                    | <b>T162157</b>                                          |
| Version                  | <b>0</b>                                                |
| <b>Analysis #:</b>       | <b>510274</b>                                           |
| Storage Temperature:     | Room temperature                                        |

| Parameter                                              | Limit Values                                       | Result                                             |
|--------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Ion exchange titration)(calcd.on anh.substance) | 94.5-105.5 (%)                                     | 94.60000 %                                         |
| Purity(HPLC)                                           | 65-100 (%)                                         | 99.03500 %                                         |
| Water by Karl Fischer                                  | 0-15 (%)                                           | 14.95000 %                                         |
| Appearance (T162157)                                   | White to red to brown powder or crystals or chunks | White to red to brown powder or crystals or chunks |
| Proton NMR spectrum                                    | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager