

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-30 16:19:50  
Date of Next Testing: 2028-03-29 16:19:50  
Product Name: **Sodium p-toluenesulfinate**  
CAS Number: 824-79-3  
Specifications & Purity: 98% , anhydrous  
Lot #: C2419518  
SKU #: **S100400**  
**Analysis:** **338422**  
Storage Temperature: Argon charged

| Parameter                               | Limit Values                        | Result                              |
|---|-------------------------------------|-------------------------------------|
| Purity(HPLC)                            | 98-100 (%)                          | 99.99300 %                          |
| Water by Karl Fischer                   | 0-1 (%)                             | 0.35 %                              |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                      | 98.32 %                             |
| Appearance (S100400)                    | white to off-white powder or flakes | white to off-white powder or flakes |
| Infrared spectrum                       | Conforms to Structure               | Conforms to Structure               |
| Proton NMR spectrum                     | Conforms to Structure               | Conforms to Structure               |
| Solubility in H <sub>2</sub> O          | Almost transparency                 | almost transparency                 |



John Su  
QA & QC Manager