

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-29 16:08:23  
Date of Next Testing: 2027-05-28 16:08:23  
Product Name: **Sodium p-toluenesulfinate**  
CAS Number: 824-79-3  
Specifications & Purity: 98% , anhydrous  
Lot #: E2322193  
SKU #: **S100400**  
**Analysis:** **218736**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.86700%
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.71%
Water by Karl Fischer	0-1 (%)	0.59%
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