

## Certificate of Analysis

Date of Testing: 2023-03-28 08:24:39  
Date of Next Testing: 2027-03-27 08:24:39  
Product Name: **Sodium p-toluenesulfinate**  
CAS Number: 824-79-3  
Specifications & Purity: 98% , anhydrous  
Lot #: C23241392  
SKU #: **S100400**  
**Analysis:** **204466**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.28300 %
Water by Karl Fischer	0-1 (%)	0.22 %
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	98.24 %
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