

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-19 18:22:58  
Date of Next Testing: 2027-07-18 18:22:58  
Product Name: **Sodium 1-octanesulfonate**  
CAS Number: 5324-84-5  
Specifications & Purity: 98%  
Lot #: G2315075  
SKU #: **S108926**  
**Analysis: 074703**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	43.5-45.3 (%)	43.98 %
Water by Karl Fischer	0-2 (%)	0.89 %
Sodium (Na)(anhydrous)	10.1-11.1 (%)	10.10 %
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (S108926)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless Clear 100 mg/ml	pass	Pass



John Su  
QA & QC Manager