

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-20 13:43:34  
 Date of Next Testing: 2025-06-20 13:43:34  
 Product Name: **Tetrabutylammonium hydrogen sulfate (TBAHS)**  
 CAS Number: 32503-27-8  
 Specifications & Purity: for ion pair chromatography, ≥98%  
 Lot #: F2413263  
 SKU #: **T661797**  
 Version: **2**  
 Analysis #: **361774**  
 Storage Temperature: Room temperature

| Parameter                             | Limit Values            | Result                  |
|---------------------------------------|-------------------------|-------------------------|
| Purity(NT)                            | 97.5-102.5 (%)          | 99.73000 %              |
| Melting point                         | 170-175 (°C)            | 172.17000 °C            |
| Absorbance(400nm in H <sub>2</sub> O) | ≤0.05                   | 0.02500                 |
| Absorbance(210nm in H <sub>2</sub> O) | ≤0.5                    | 0.32500                 |
| Absorbance(230nm in H <sub>2</sub> O) | ≤0.15                   | 0.15000                 |
| Absorbance(240nm in H <sub>2</sub> O) | ≤0.13                   | 0.12400                 |
| Absorbance(254nm in H <sub>2</sub> O) | ≤0.1                    | 0.08700                 |
| Appearance(T661797)                   | White powder to crystal | White powder to crystal |
| Solubility in Water                   | almost transparency     | almost transparency     |
| λ,10% in H <sub>2</sub> O             | Pass                    | Pass                    |



John Su  
QA & QC Manager