

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-26 17:00:58

Date of Next Testing: 2023-10-26 17:00:58

Product Name: **Tetrabutylammonium hydrogen sulfate**

CAS Number: 32503-27-8

Specifications & Purity: for ion pair chromatography

Lot #: J2222596

SKU #: **T105646**

Version **0**

Analysis #: **140784**

| Parameter                                 | Limit Values   | Result         |
|-------------------------------------------|----------------|----------------|
| UV Absorbance 500nm                       | 0-0.02         | 0.00200        |
| UV Absorbance 260nm                       | 0-0.02         | 0.00500        |
| Purity(Neutralization titration)          | 98.5-101.5 (%) | 99.88000 %     |
| UV Absorbance 220nm                       | 0-0.04         | 0.00900        |
| UV Absorbance 230nm                       | 0-0.03         | 0.00500        |
| UV Absorbance 210nm                       | 0-0.05         | 0.02000        |
| Loss on drying                            | 0-0.5 (%)      | 0.30000 %      |
| Melting point                             | 170-175 (°C)   | 172.89000 °C   |
| Appearance (T105646)                      | White crystals | White crystals |
| Solubility in H <sub>2</sub> O , Conforms | pass           | Pass           |
| λ, H <sub>2</sub> O reference             | Pass           | Pass           |



John Su  
QA & QC Manager