

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-14 10:44:26

Date of Next Testing: 2024-06-03 10:44:26

Product Name: **Tetrabutylammonium bromide(TBAB)**

CAS Number: 1643-19-2

Specifications & Purity: AR, ≥99%

Lot #: F2201151

SKU #: **T103372**

Version: **0**

Analysis #: **056601**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                  | Limit Values                    | Result                          |
|----------------------------|---------------------------------|---------------------------------|
| Trimethylamine             | 0-0.5 (%)                       | 0.43000 %                       |
| Tributylamine Hydrobromide | 0-1 (%)                         | 0.86000 %                       |
| Purity(Titration by AgNO3) | 99-100 (%)                      | 99.02000 %                      |
| Loss on drying             | 0-1 (%)                         | 0.31051 %                       |
| Melting point              | 102-106 (°C)                    | 104.70000 °C                    |
| PH (5%, water) 25 °C       | 3.5-7                           | 6.11000                         |
| Appearance (T103372)       | white crystal or crystal powder | white crystal or crystal powder |
| Infrared spectrum          | Conforms to Structure           | Conforms to Structure           |
| Solubility in H2O          | Almost transparency             | almost transparency             |



John Su  
QA & QC Manager