

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-13 19:21:23  
 Date of Next Testing: 2029-03-12 19:21:23  
 Product Name: **Tetraheptylammonium bromide (THPAB)**  
 CAS Number: 4368-51-8  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: C2511583  
 SKU #: **T124771**  
 Version: **1**  
 Analysis #: **484612**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                               | Limit Values                                                 | Result                                                       |
|-----------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-102.5 (%)                                               | 102.45000 %                                                  |
| Melting point                           | 88-92 (°C)                                                   | 90.47000 °C                                                  |
| Appearance (T124771)                    | Colorless or white or off-white powder or crystals or flakes | Colorless or white or off-white powder or crystals or flakes |
| Proton NMR spectrum                     | Conforms to Structure                                        | Conforms to Structure                                        |
| Solubility in MeOH                      | almost transparency                                          | almost transparency                                          |



John Su  
QA & QC Manager