

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-08 10:27:27  
Date of Next Testing: 2026-04-28 10:27:27  
Product Name: **Tetrakis(decyl)ammonium bromide**  
CAS Number: 14937-42-9  
Specifications & Purity: 98%  
Lot #: H2222170  
SKU #: **T129136**  
**Analysis:** **354582**  
Storage Temperature: Argon charged

| Parameter                               | Limit Values                                   | Result   |
|---|--|--|
| Purity(Titration by AgNO <sub>3</sub> ) | 98-100 (%)                                     | 98.99 %  |
| Melting point                           | 86-90 (°C)                                     | 87.92000 °C                                    |
| Appearance (T129136)                    | White to faint beige powder,crystals or fibers | White to faint beige powder,crystals or fibers |
| Infrared spectrum                       | Conforms to Structure                          | Conforms to Structure                          |
| Proton NMR spectrum                     | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager