

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-02-03 15:22:46  
 Date of Next Testing: 2030-02-02 15:22:46  
 Product Name: **Tetrahexylammonium hydrogensulfate(THAHS)**  
 CAS Number: 32503-34-7  
 Specifications & Purity: for ion pair chromatography, ≥99%(T)  
 Lot #: A2629482  
 SKU #: **T106820**  
 Version: **0**  
 Analysis #: **647425**  
 Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

| Parameter                                      | Limit Values                                                            | Result                                                                  |
|------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| UV Absorbance 260nm(10 %<br>in Acetonitrile)   | 0-0.02                                                                  | 0.00100                                                                 |
| UV Absorbance 220nm A(10<br>% in Acetonitrile) | 0-0.04                                                                  | 0.01000                                                                 |
| UV Absorbance 230nm A(10<br>% in Acetonitrile) | 0-0.03                                                                  | 0.01000                                                                 |
| UV Absorbance 210nm A(10<br>% in Acetonitrile) | 0-0.1                                                                   | 0.04000                                                                 |
| Purity(Titration by 0.1M<br>NaOH)              | 98.5-101.5 (%)                                                          | 100.80000 %                                                             |
| Melting point                                  | 99-102 (°C)                                                             | 101.00000 °C                                                            |
| UV Absorbance 500nm(10 %<br>in Acetonitrile)   | 0-0.02                                                                  | 0.00100                                                                 |
| Appearance (T106820)                           | Colorless to White to Almost white to light<br>yellow powder to crystal | Colorless to White to Almost white to light<br>yellow powder to crystal |
| Filtration test                                | corresponds to standard                                                 | corresponds to standard                                                 |
| Proton NMR spectrum                            | Conforms to Structure                                                   | Conforms to Structure                                                   |
| RP gradient test                               | pass test                                                               | pass test                                                               |



[QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com)

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager