

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-14 16:14:42  
 Date of Next Testing: 2027-08-14 16:14:42  
 Product Name: **Tetrabutylammonium hydroxide solution(TBAOH)**  
 CAS Number: 2052-49-5  
 Specifications & Purity: 10% in H<sub>2</sub>O  
 Lot #: H2511673  
 SKU #: **T105045**  
 Version: **1**  
 Analysis #: **536194**  
 Storage Temperature: Room temperature, Argon charged, Cool

| Parameter                 | Limit Values          | Result                |
|---------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl)  | 9.5-10.5 (%)          | 10.14000 %            |
| Appearance (T105045)      | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum       | Conforms to Structure | Conforms to Structure |
| Solvent(H <sub>2</sub> O) | Conform               | Conform               |
| Infrared spectrum         | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager