

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-06-04 11:35:41  
Date of Next Testing: 2029-06-03 11:35:41  
Product Name: **Tetrapropylammonium hydroxide solution (TPAOH)**  
CAS Number: 4499-86-9  
Specifications & Purity: 1.0 M in H<sub>2</sub>O(cosolvent:~10% methanol)  
Lot #: E2523509  
SKU #: **T102829**  
Version: **2**  
Analysis #: **520067**  
Storage Temperature: Room temperature,Argon charged

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 0.95-1.1 (mol/L)      | 1.00000 mol/L         |
| Water by Karl Fischer    | 75-85 (%)             | 76.91650 %            |
| Appearance (T102829)     | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager