

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-04 11:24:00
Date of Next Testing: 2026-06-03 11:24:00
Product Name: **Tetraethylammonium hydroxide**
CAS Number: 77-98-5(water)
Specifications & Purity: Analytical Reagent,25% in water
Lot #: E2227156
SKU #: **T102754**
Analysis: **085415**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--------------------------|----------------------------------|----------------------------------|
| Calcium(Ca) | 0-5 (ppm) | 4.30 ppm |
| Magnesium(Mg) | 0-5 (ppm) | 3.20 ppm |
| Iron(Fe) | 0-5 (ppm) | 2.50 ppm |
| Purity(Titration by HCl) | 24-26 (%) | 25.34 % |
| Water by Karl Fischer | 70-80 (%) | 78.10 % |
| Chloride (Cl-) | 0-0.2 (%) | 0.14 % |
| Appearance (T102754) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager