

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-20 14:50:25  
Date of Next Testing: 2026-01-19 14:50:25  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(water)  
Specifications & Purity: Analytical Reagent,25% in water  
Lot #: A2218339  
SKU #: **T102754**  
**Analysis:** **061262**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5 (ppm)	3.00 ppm
Magnesium(Mg)	0-5 (ppm)	2.50 ppm
Iron(Fe)	0-5 (ppm)	2.80 ppm
Purity(Titration by HCl)	24-26 (%)	25.56 %
Water by Karl Fischer	70-80 (%)	76.29 %
Chloride (Cl-)	0-0.2 (%)	0.10 %
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