

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-28 15:32:07  
Date of Next Testing: 2027-04-27 15:32:07  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(water)  
Specifications & Purity: Analytical Reagent,25% in water  
Lot #: D2324857  
SKU #: **T102754**  
**Analysis:** **211497**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.02 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Purity(Titration by HCl)	24-26 (%)	24.79 %
Water by Karl Fischer	70-80 (%)	74.69 %
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