

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-18 09:22:05  
Date of Next Testing: 2026-07-17 09:22:05  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(water)  
Specifications & Purity: Analytical Reagent,25% in water  
Lot #: 11812190  
SKU #: **T102754**  
**Analysis:** **113755**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5 (ppm)	1.62 ppm
Magnesium(Mg)	0-5 (ppm)	3.94 ppm
Iron(Fe)	0-5 (ppm)	2.83 ppm
Purity(Titration by HCl)	24-26 (%)	24.95 %
Water by Karl Fischer	70-80 (%)	75.92 %
Chloride (Cl-)	0-0.2 (%)	0.13 %
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