

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-10 18:08:11  
Date of Next Testing: 2026-07-09 18:08:11  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(methanol)  
Specifications & Purity: Analytical Reagent,25% in methanol  
Lot #: G23051298  
SKU #: **T102755**  
**Analysis:** **222258**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.377-1.382	1.38
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.1 (%)	0.05 %
Chloride (Cl <sup>-</sup> )	0-0.1 (%)	0.03 %
Purity(Titration by HCl)	24-26 (%)	24.01 %
Appearance (T102755)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager