

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-03 18:35:51  
Date of Next Testing: 2027-09-03 18:35:51  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(methanol)  
Specifications & Purity: Analytical Reagent,25% in methanol  
Lot #: K2130573  
SKU #: **T102755**  
Version: **0**  
Analysis #: **406423**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.377-1.382	1.38
Purity(Titration by HCl)	24-26 (%)	25.27 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.1 (%)	0.05 %
Chloride (Cl <sup>-</sup> )	0-0.1 (%)	0.10 %
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