

## Certificate of Analysis

Date of Testing: 2022-11-22 17:59:09  
Date of Next Testing: 2026-11-21 17:59:09  
Product Name: **Tetraethylammonium hydroxide**  
CAS Number: 77-98-5(water)  
Specifications & Purity: Analytical Reagent,25% in water  
Lot #: K2218101  
SKU #: **T102754**  
**Analysis:** **135696**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5 (ppm)	0.36 ppm
Magnesium(Mg)	0-5 (ppm)	0.26 ppm
Iron(Fe)	0-5 (ppm)	0.17 ppm
Purity(Titration by HCl)	24-26 (%)	25.61%
Water by Karl Fischer	70-80 (%)	78.68%
Chloride (Cl-)	0-0.2 (%)	0.12%
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