

Certificate of Analysis

Date of Testing: 2025-05-19 14:40:09

Date of Next Testing: 2028-05-18 14:40:09

Product Name: **Tetraethylammonium hydroxide (TEAOH)**

CAS Number: 77-98-5(methanol)

Specifications & Purity: AR, 25% in methanol

Lot #: E2507593

SKU #: **T102755**

Version: **1**

Analysis #: **496958**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.377-1.382	1.38
Purity(Titration by HCl)	24-26 (%)	25.43 %
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.09 %
Chloride (Cl ⁻)	0-0.1 (%)	0.04 %
Appearance (T102755)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solvent(Methanol)	Conform	Conform



John Su
QA & QC Manager