

Certificate of Analysis

Date of Testing: 2023-08-25 13:02:33
Date of Next Testing: 2025-08-24 13:02:33
Product Name: **Tetrabutylammonium hydroxide**
CAS Number: 2052-49-5
Specifications & Purity: ~40% in H₂O, for ion chromatography
Lot #: H2323532
SKU #: **T105047**
Analysis: **263099**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-100 (meq(mg)/kg)	0.00 meq/kg
Sodium(Na)	0-100 (meq(mg)/kg)	18.17 meq/kg
(Br)Bromide	0-100 (meq(mg)/kg)	4.50 meq/kg
Concentration(Titration by 1M HCL)	38-42 (%)	40.18 %
Potassium(K)	0-100 (meq(mg)/kg)	54.89 meq/kg
Appearance (T105047)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager