

Certificate of Analysis

Date of Testing: 2023-09-02 16:44:38
Date of Next Testing: 2025-09-01 16:44:38
Product Name: **Tetrabutylammonium hydroxide**
CAS Number: 2052-49-5
Specifications & Purity: ~40% in H₂O, for ion chromatography
Lot #: H2323531
SKU #: **T105047**
Analysis: **263102**
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)	3.98 meq/kg
(Br)Bromide	0-100 (meq(mg)/kg)	0.00 meq/kg
Concentration(Titration by 1M HCL)	38-42 (%)	40.33 %
Potassium(K)	0-100 (meq(mg)/kg)	0.00 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