

## Certificate of Analysis

Date of Testing: 2024-07-23 15:36:59  
Date of Next Testing: 2026-07-23 15:36:59  
Product Name: **Tetrabutylammonium hydroxide solution**  
CAS Number: 2052-49-5  
Specifications & Purity: 40 wt. % in H<sub>2</sub>O  
Lot #: G2418340  
SKU #: **T359018**  
Version: **1**  
Analysis #: **392170**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Concentration(Titration by 1M HCL)	38-42 (%)	40.68 %
Appearance(T359018)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager