

## Certificate of Analysis

Date of Testing: 2023-07-27 16:21:51  
Date of Next Testing: 2026-07-26 16:21:51  
Product Name: **Tetrabutylammonium hydroxide solution**  
CAS Number: 2052-49-5  
Specifications & Purity: 54.0-56.0% in H<sub>2</sub>O  
Lot #: G2325161  
SKU #: **T432295**  
Analysis: **252653**

Parameter	Limit Values	Result
Concentration(Titration by 0.1M HCL)	54-56 (%)	55.54000%
Appearance(T432295)	Colorless to light yellow liquid	Colorless to light yellow liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager