

## Certificate of Analysis

Date of Testing: 2023-11-27 13:23:47  
Date of Next Testing: 2025-11-26 13:23:47  
Product Name: **Tetrabutylammonium hydroxide solution**  
CAS Number: 2052-49-5(methanol)  
Specifications & Purity: ~ 25% in methanol(~ 0.8 M)  
Lot #: K2314418  
SKU #: **T105046**  
Version: **0**  
Analysis #: **299317**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.82-0.89	0.86
Concentration	0.75-0.85 (mol/L)	0.82 mol/L
Appearance (T105046)	Liquid	Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager