

Certificate of Analysis

Date of Testing: 2022-06-22 12:27:33
Date of Next Testing: 2024-06-21 12:27:33
Product Name: **Tetrabutylammonium hydroxide solution**
CAS Number: 2052-49-5
Specifications & Purity: 40 wt. % in H₂O
Lot #: F2218143
SKU #: **T359018**
Analysis: **092614**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|------------------------------------|----------------------------------|----------------------------------|
| Concentration(Titration by 1M HCL) | 38-42 (%) | 41.86 % |
| 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