

Certificate of Analysis

Date of Testing: 2023-11-15 11:17:30
Date of Next Testing: 2025-11-14 11:17:30
Product Name: **Tetrabutylammonium hydroxide solution**
CAS Number: 2052-49-5
Specifications & Purity: 10% in H₂O
Lot #: K2313542
SKU #: **T105045**
Analysis: **290467**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 9.5-10.5 (%) | 10.44 % |
| Appearance (T105045) | Colorless liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager