

## Certificate of Analysis

Date of Testing: 2024-10-23 14:33:48  
Date of Next Testing: 2026-10-23 14:33:48  
Product Name: **Tetrabutylammonium hydroxide solution**  
CAS Number: 2052-49-5(methanol)  
Specifications & Purity: ~ 40% in methanol  
Lot #: J2414712  
SKU #: **T301939**  
Version: **0**  
Analysis #: **415498**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(Titration by HCl) | 38-42 (%)             | 39.20 %               |
| Appearance (T301939)     | Liquid                | Liquid                |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |



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QA & QC Manager