

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-04 14:24:26  
Date of Next Testing: 2025-07-03 14:24:26  
Product Name: **Tetrabutylammonium hydroxide solution**  
CAS Number: 2052-49-5  
Specifications & Purity: 40 wt. % in H<sub>2</sub>O  
Lot #: F2326149  
SKU #: **T359018**  
**Analysis:** **193491**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Concentration(Titration by 1M HCL)	38-42 (%)	41.89%
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