

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-15 18:16:56

Date of Next Testing: 2029-09-14 18:16:56

Product Name: **Tetrabutylphosphonium hydroxide solution (TBPH)**

CAS Number: 14518-69-5

Specifications & Purity: 40 wt.% in H₂O

Lot #: I2504595

SKU #: **T121851**

Version: **2**

Analysis #: **390777**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	40-44 (%)	40.50000 %
Appearance (T121851)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager