

Certificate of Analysis

Date of Testing: 2025-03-26 17:34:23

Date of Next Testing: 2029-03-25 17:34:23

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

CAS Number: 14518-69-5

Specifications & Purity: 40 wt.% in H₂O

Lot #: C2520855

SKU #: **T121851**

Version: **2**

Analysis #: **488386**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	40-44 (%)	40.97 %
Appearance (T121851)	Colorless to light yellow liquid	Colorless to light yellow liquid
Solvent(H ₂ O)	Conform	Conform
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager