

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-24 09:50:14

Date of Next Testing: 2027-04-14 09:50:14

Product Name: **Tetrabutylphosphonium chloride**

CAS Number: 2304-30-5

Specifications & Purity: $\geq 96\%$

Lot #: D2521491

SKU #: **T101355**

Version: **1**

Analysis #: **496200**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.53 %
Purity(Titration by AgNO ₃)	95.5-104.5 (%)	104.39 %
Appearance (T101355)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager