

Certificate of Analysis

Date of Testing: 2022-08-06 13:52:49

Date of Next Testing: 2024-07-26 13:52:49

Product Name: **Tetrabutylphosphonium chloride**

CAS Number: 2304-30-5

Specifications & Purity: $\geq 96\%$

Lot #: H2204132

SKU #: **T101355**

Version: **1**

Analysis #: **121935**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.31 %
Purity(Titration by AgNO ₃)	95.5-104.5 (%)	101.63 %
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



John Su
QA & QC Manager