

Certificate of Analysis

Date of Testing: 2023-05-23 11:41:21

Date of Next Testing: 2025-05-12 11:41:21

Product Name: **Tetrabutylphosphonium chloride**

CAS Number: 2304-30-5

Specifications & Purity: 96%

Lot #: H2106652

SKU #: **T101355**

Analysis: **222068**

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

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.51 %
Purity(Titration by AgNO ₃)	95.5-104.5 (%)	97.43 %
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