

## Certificate of Analysis

Date of Testing: 2022-08-06 13:57:58

Date of Next Testing: 2024-07-26 13:57:58

Product Name: **Tetrabutylphosphonium chloride**

CAS Number: 2304-30-5

Specifications & Purity:  $\geq 96\%$

Lot #: H2204136

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 <sub>3</sub> ) | 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 |



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