

## Certificate of Analysis

Date of Testing: 2024-09-18 10:51:36  
Date of Next Testing: 2028-09-17 10:51:36  
Product Name: **Tetrabutylammonium chloride**  
CAS Number: 1112-67-0  
Specifications & Purity:  $\geq 97\%$   
Lot #: I2406490  
SKU #: **T101036**  
Version: **0**  
Analysis #: **359972**  
Storage Temperature: Protected from light, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(titration by 0.1M HClO <sub>4</sub> )	97-103 (%)	99.73 %
Water by Karl Fischer	0-1 (%)	0.18 %
Appearance (T101036)	White to off white powder to crystals or Plasters	White to off white powder to crystals or Plasters
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 10ml H <sub>2</sub> O	colorless Clear,0.2g	colorless Clear,0.2g



John Su  
QA & QC Manager