

## Certificate of Analysis

Date of Testing: 2023-05-13 17:29:36  
Date of Next Testing: 2027-05-12 17:29:36  
Product Name: **Tetramethylphosphonium chloride**  
CAS Number: 1941-19-1  
Specifications & Purity: 98%  
Lot #: E23101096  
SKU #: **T121849**  
Analysis: **157719**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.38600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(T121849)	white powder or chunk	white powder or chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager