

## Certificate of Analysis

Date of Testing: 2023-12-26 14:12:11  
Date of Next Testing: 2027-12-25 14:12:11  
Product Name: **Tetrabutylammonium perchlorate**  
CAS Number: 1923-70-2  
Specifications & Purity: electrochemical grade  
Lot #: L2315358  
SKU #: **T109600**  
**Analysis:** **309205**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (T)	99-100 (%)	99.63 %
Water by Karl Fischer	0-1 (%)	0.13 %
Melting point	211-215 (°C)	214.00000 °C
Appearance (T109600)	Colorless or White Powder	Colorless or White Powder
granularity: ≤500 μm	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetonitrile , Colorless,clear,100mg/ml	pass	Pass



John Su  
QA & QC Manager