

## Certificate of Analysis

Date of Testing: 2023-04-24 16:23:15

Date of Next Testing: 2027-04-23 16:23:15

Product Name: **Tetrabutylammonium perchlorate**

CAS Number: 1923-70-2

Specifications & Purity: 98%

Lot #: D2321232

SKU #: **T109601**

**Analysis:** **216450**

Storage Temperature: Argon charged

| Parameter                      | Limit Values                                 | Result                                       |
|--------------------------------|----------------------------------------------|----------------------------------------------|
| Purity(Ion exchange titration) | 97.5-102.5 (%)                               | 99.99 %                                      |
| Appearance (T109601)           | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum              | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in MeOH             | almost transparency                          | almost transparency                          |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager