

## Certificate of Analysis

Date of Testing: 2022-08-18 17:19:24

Date of Next Testing: 2026-08-17 17:19:24

Product Name: **Tetrabutylammonium perchlorate**

CAS Number: 1923-70-2

Specifications & Purity: electrochemical grade

Lot #: H2215115

SKU #: **T109600**

**Analysis:** **126829**

Storage Temperature: Argon charged

| Parameter                                             | Limit Values              | Result                    |
|-------------------------------------------------------|---------------------------|---------------------------|
| Purity (T)                                            | 99-100 (%)                | 99.24 %                   |
| Water by Karl Fischer                                 | 0-1 (%)                   | 0.11 %                    |
| Melting point                                         | 211-215 (°C)              | 212.50000 °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