

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-22 10:22:09  
 Date of Next Testing: 2028-10-21 10:22:09  
 Product Name: **Tantalum Chloride Anhydrous**  
 CAS Number: 7721-01-9  
 Specifications & Purity:  $\geq 99.8\%$  metals basis  
 Lot #: J2412663  
 SKU #: **T301576**  
 Version: **0**  
 Analysis #: **405760**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                              | Limit Values                             | Result                                   |
|----------------------------------------|------------------------------------------|------------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%)                             | 99.98680 %                               |
| Cl(Titration by AgNO <sub>3</sub> )    | 48-51 (%)                                | 48.04000 %                               |
| Appearance (T301576)                   | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| ICP:Confirms Tantalum Component        | Confirmed                                | Confirmed                                |
| X-Ray Diffraction                      | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager