

## PRODUCT SPECIFICATION



| PRODUCT SPECIFICATION |                                 |
|-----------------------|---------------------------------|
| Product Code          | TA1019                          |
| Product Name          | Tantalum (V) chloride, sublimed |
| CAS Number            | 7721-01-9                       |
| Molecular formula     | Cl <sub>5</sub> Ta              |
| Linear formula        | TaCl <sub>5</sub>               |
| Molecular weight      | 358.21                          |
| Form                  | solid                           |
| Melting point         | 216.5-220C                      |
| Sensitivity           | air, moisture                   |

| TEST SPECIFICATION |                        |
|--------------------|------------------------|
| Assay (purity)     | 99%                    |
| Purity method      | by titration           |
| Metal purity       | 99.99%-Ta              |
| Appearance         | white powder           |
| Titration          | %Cl=48.7-50.7          |
| Titration notes    | with AgNO <sub>3</sub> |

For available packaging options or alternative purify grades, please contact our technical services.



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The offered information is intended to be used by technically qualified personnel at their discretion and risk. The current Specification sheet may be available at [ereztech.com](http://ereztech.com). Purchaser must determine the suitability of the product for its particular use.