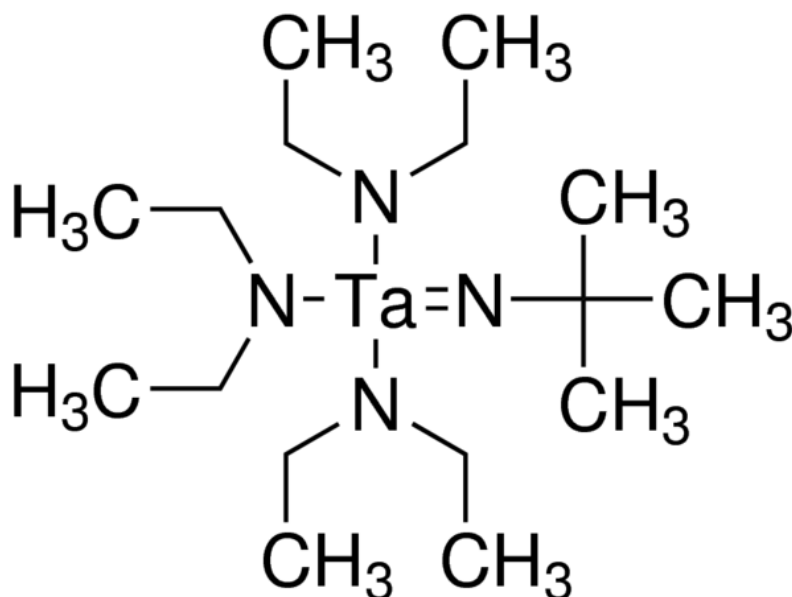


# PRODUCT SPECIFICATION



| PRODUCT SPECIFICATION |                                                |
|-----------------------|------------------------------------------------|
| Product Code          | TA6417                                         |
| Product Name          | Tris(diethylamido)(tert-butylimido)tantalum(V) |
| CAS Number            | 169896-41-7                                    |
| Molecular formula     | $C_{18}H_{39}N_4Ta$                            |
| Linear formula        | $(CH_3)_3CNTa[N(C_2H_5)_2]_3$                  |
| Molecular weight      | 468.46                                         |
| Form                  | liquid                                         |
| Boiling point         | 95C/0.5 mmHg                                   |
| Sensitivity           | moisture, heat                                 |



## TEST SPECIFICATION

|                |                            |
|----------------|----------------------------|
| Assay (purity) | 98%+                       |
| Purity method  | by integration NMR         |
| Metal purity   | 99.99%-Ta                  |
| Appearance     | colorless to yellow liquid |

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.