



# EREZTECH LLC

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## Specification sheet

Product code	TA4590
CAS #	19824-59-0
Product name	Pentakis(dimethylamino)tantalum(V)
Purity	99%+
Purity method	by gravimetric assay: %Ta=44.8-45.6 (after ignition to oxide)
Metal purity	99.99%-Ta
Molecular weight	401.33
NMR	conforms to structure
Form	solid
Appearance	orange to dark orange powder and/or chunks
Melting point	100 °C (dec.) (lit.)
Sensitivity	air, moisture
Molecular formula	C <sub>10</sub> H <sub>30</sub> N <sub>5</sub> Ta
Linear formula	Ta(N(CH <sub>3</sub> ) <sub>2</sub> ) <sub>5</sub>