

# Product Data Sheet

## (4N) 99.99% Tantalum Oxide Nanopowder

Product Code: TA-OX-04-NP

Formula: Ta<sub>2</sub>O<sub>5</sub>

CAS No.: 1314-61-0

EC No.: 215-238-2

MDL: MFCD00011254

### Chemical Identifiers

Linear Formula	Ta <sub>2</sub> O <sub>5</sub>
MDL Number	MFCD00011254
EC No.	215-238-2
Beilstein Registry No.	N/A
Pubchem CID	518712
IUPAC Name	dioxotantaliooxy(dioxo)tantalum
SMILES	441.870573Da
InChI Identifier	InChI=1S/5O.2Ta/q5*-2;2*+5
InChI Key	BPUBBGLMJRNUCC-UHFFFAOYSA-N

**Total Metal Impurities:** 0.01% max.

### Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.