

# Product Data Sheet

## (3N) 99.9% Lithium Tantalate

Product Code: LI-TAO-03-C

**Formula:** LiTaO<sub>3</sub>

**CAS No.:** 12031-66-2

**EC No.:** 234-757-5

**MDL:** MFCD00016174

### Chemical Identifiers

Linear Formula	LiTaO <sub>3</sub>
MDL Number	MFCD00016174
EC No.	234-757-5
Beilstein Registry No.	N/A
Pubchem CID	5148101
IUPAC Name	lithium; oxido(dioxo)tantalum
SMILES	[Li+].[O-][Ta](=O)=O
Inchl Identifier	InChI=1S/Li.3O.Ta/q+1;;;-1;
Inchl Key	CIFJATMCNLSYQG-UHFFFAOYSA-N

**Total Metal Impurities:** 0.1% 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.