

# 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

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