

# Product Data Sheet

**(5N) 99.999% Terbium Oxide Pieces**

**Product Code: TB-OX-05-PCS**

**Formula:** Tb<sub>4</sub>O<sub>7</sub>

**CAS No.:** 12037-01-3

**EC No.:** 234-856-3

**MDL:** MFCD00083151

## Chemical Identifiers

<b>Linear Formula</b>	Tb <sub>4</sub> O <sub>7</sub>
<b>MDL Number</b>	MFCD00083151
<b>EC No.</b>	234-856-3
<b>Pubchem CID</b>	16211492
<b>IUPAC Name</b>	N/A
<b>SMILES</b>	O=[Tb]O[Tb](=O)O[Tb](=O)O[Tb]=O
<b>Inchl Identifier</b>	InChI=1S/7O.4Tb
<b>Inchl Key</b>	UWZVBPNIJCKCMC-UHFFFAOYSA-N

**Total Metal Impurities:** 0.001% 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 18304 are supplied with every shipment.  
**AMERICAN ELEMENTS** | 10884 WEYBURN AVE. | LOS ANGELES, CALIFORNIA 90024  
 TEL. 310-208-0551 | FAX 310-208-0351 | customerservice@americanelements.com