

Product Data Sheet

(5N) 99.999% Thulium Oxide Nanopowder

Product Code: TM-OX-05-NP

Formula: Tm₂O₃

CAS No.: 12036-44-1

EC No.: 234-851-6

MDL: MFCD00011285

Chemical Identifiers

Linear Formula	Tm ₂ O ₃
MDL Number	MFCD00011285
EC No.	234-851-6
Pubchem CID	4560139
IUPAC Name	Oxygen(-2) anion; thulium(+3) cation
SMILES	[Tm+3].[Tm+3].[O-2].[O-2].[O-2]
Inchl Identifier	InChI=1S/3O.2Tm/q3*-2;2*+3
Inchl Key	ZIKATJAYWZUJPY-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.
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