

Product Data Sheet

(2N) 99% Dysprosium Oxide Nanowires

Product Code: DY-OX-02-NW

Formula: Dy₂O₃

CAS No.: 1308-87-8

EC No.: 215-164-0

MDL: MFCD00010986

Chemical Identifiers

Linear Formula	Dy ₂ O ₃
MDL Number	MFCD00010986
EC No.	215-164-0
Beilstein Registry No.	N/A
Pubchem CID	4082176
IUPAC Name	Dysprosium(+3) cation; oxygen(-2) anion
SMILES	[Dy+3].[Dy+3].[O-2].[O-2].[O-2]
InChI Identifier	InChI=1S/2Dy.3O/q2*+3;3*-2
InChI Key	GEZAXHSNIQTPMM-UHFFFAOYSA-N

Total Metal Impurities: 1.0% 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.