

Product Data Sheet

(4N) 99.99% Samarium Oxide

Product Code: SM-OX-04

Formula: Sm₂O₃

CAS No.: 12060-58-1

EC No.: 235-043-6

MDL: MFCD00011237

Chemical Identifiers

Linear Formula	Sm ₂ O ₃
MDL Number	MFCD00011237
EC No.	235-043-6
Beilstein Registry No.	N/A
Pubchem CID	4247557
IUPAC Name	Oxygen(2-); samarium(3+)
SMILES	O=[Sm]O[Sm]=O
InChI Identifier	InChI=1S/3O.2Sm
InChI Key	PRCWVHVINXAFRG-UHFFFAOYSA-N

Total Metal Impurities: 0.01% 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.