

# Product Data Sheet

## (5N) 99.999% Gadolinium Oxide Pellets

Product Code: GD-OX-05-PE

Formula:  $Gd_2O_3$

CAS No.: 12064-62-9

EC No.: 235-060-9

MDL: MFCD00011026

### Chemical Identifiers

Linear Formula	$Gd_2O_3$
MDL Number	MFCD00011026
EC No.	235-060-9
Beilstein Registry No.	N/A
Pubchem CID	4558810
IUPAC Name	Gadolinium(+3) cation; oxygen(-2) anion
SMILES	[Gd+3].[Gd+3].[O-2].[O-2].[O-2]
InChI Identifier	InChI=1S/2Gd.3O/q2*+3;3*-2
InChI Key	RNYFGGMJZRTZKO-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.

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**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.