

Product Data Sheet

(5N) 99.999% Gold Oxide Nanopowder

Product Code: AU-OX-05-NP

Formula: Au₂O₃

CAS No.: 1303-58-8

EC No.: 215-122-1

MDL: MFCD00150181

Chemical Identifiers

Linear Formula	Au ₂ O ₃
MDL Number	MFCD00150181
EC No.	215-122-1
Beilstein Registry No.	N/A
Pubchem CID	4111362
IUPAC Name	Oxo-(oxoauriooxy)gold
SMILES	[Au+3].[Au+3].[O-2].[O-2].[O-2]
Inchl Identifier	InChI=1S/2Au.3O/q2*+3;3*-2
Inchl Key	DDYSHSNGZNCTKB-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 10204 are supplied with every shipment.