

# Product Data Sheet

**(5N) 99.999% Lutetium Oxide Pellets**

**Product Code: LU-OX-05-PE**

**Formula:** Lu<sub>2</sub>O<sub>3</sub>

**CAS No.:** 12032-20-1

**EC No.:** 234-764-3

**MDL:** MFCD00011100

## Chemical Identifiers

<b>Linear Formula</b>	Lu <sub>2</sub> O <sub>3</sub>
<b>MDL Number</b>	MFCD00011100
<b>EC No.</b>	234-764-3
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	4323797
<b>IUPAC Name</b>	lutetium(3+); oxygen(2-)
<b>SMILES</b>	[Lu+3].[Lu+3].[O-2].[O-2].[O-2]
<b>Inchl Identifier</b>	InChI=1S/2Lu.3O/q2*+3;3*-2
<b>Inchl Key</b>	UGBIHFMRUDAMBY-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.