

**Product Name:** Gold(III) oxide, Premion™, 99.99% (metals basis), Au 88.6% min  
**Catalog Number:** 012161.03

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**CAS Number:** 1303-58-8  
**IUPAC Name:** digold(3+) trioxidandiide  
**Molecular Formula:** Au<sub>2</sub>O<sub>3</sub>  
**Molecular Weight:** 441.93  
**InChI Key:** DDYSHSNGZNCTKB-UHFFFAOYSA-N  
**SMILES:** [O--].[O--].[O--].[Au+3].[Au+3]  
**Synonym:** gold(III) oxide

### Product Specification

**Total Metal Impurities:** 0.01% max.  
**Assay (unspecified):** Au 88.6% min

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**Date Of Print:** 06/16/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*