

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	47178
<b>Product</b>	<b>Gadolinium oxide nanopowder (&lt;100 nm)</b>
<b>CAS Number</b>	12064-62-9
<b>Molecular Formula</b>	Gd <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	362.50

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<b>Appearance</b>	White nanopowder
<b>Mesh Size</b>	APS <100 nm, SSA 10-40 m <sup>2</sup> /g
<b>Residue On Ignition</b>	≥ 0.7% (1000 °C)
<b>Purity</b>	≥ 99.9% (REO) ≥ 98.5% (TREO)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**