

# Specification

## Technical Data Sheet

<b>Product Name</b>	Gadolinium (III) oxide, 99.9%
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<b>Product No</b>	89967852
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<b>CAS Number</b>	12064-62-9
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<b>Storage Temperature</b>	Ambient
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<b>Molecular Weight</b>	362.50
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### Specification

<b>Appearance</b>	White powder
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<b>CaO</b>	$\leq 0.003\%$
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<b>CeO<sub>2</sub></b>	$\leq 0.001\%$
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<b>Fe<sub>2</sub>O<sub>3</sub></b>	$\leq 0.002\%$
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<b>Gd<sub>2</sub>O<sub>3</sub>/TREO</b>	$\geq 99.95\%$
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<b>La<sub>2</sub>O<sub>3</sub></b>	$\leq 0.001\%$
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<b>PbO</b>	$\leq 0.005\%$
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## Specification

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<b>SiO<sub>2</sub></b>	$\leq 0.004\%$
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<b>Sm<sub>2</sub>O<sub>3</sub></b>	$\leq 0.002\%$
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<b>TREO</b>	$\geq 99.0\%$
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<b>Y<sub>2</sub>O<sub>3</sub></b>	$\leq 0.001\%$
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<b>Dy<sub>2</sub>O<sub>3</sub></b>	$\leq 0.001\%$
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<b>Eu<sub>2</sub>O<sub>3</sub></b>	$\leq 0.001\%$
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<b>Tb<sub>4</sub>O<sub>7</sub></b>	$\leq 0.002\%$
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