

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	47169
<b>Product</b>	<b>Dysprosium oxide nanopowder (50 nm)</b>
<b>CAS Number</b>	1308-87-8
<b>Molecular Formula</b>	Dy <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	373.00

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<b>Appearance</b>	White nanopowder
<b>Mesh Size</b>	APS 50 nm, SSA >20 m <sup>2</sup> /g
<b>Related Substances</b>	Rare earth oxide : Er <sub>2</sub> O <sub>3</sub> , Eu <sub>2</sub> O <sub>3</sub> , Gd <sub>2</sub> O <sub>3</sub> , Ho <sub>2</sub> O <sub>3</sub> , Pr <sub>6</sub> O <sub>11</sub> , Sm <sub>2</sub> O <sub>3</sub> , Tb <sub>4</sub> O <sub>7</sub> : ≤ 0.01% Non-rare earth oxide : CaO, Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> : ≤ 0.01% CuO, NiO, CuO : ≤ 0.001%
<b>Purity</b>	≥ 99.9% (Rare earth oxide)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**