

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	47172
<b>Product</b>	<b>Erbium oxide powder (1 micron)</b>
<b>CAS Number</b>	12061-16-4
<b>Molecular Formula</b>	Er <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	382.52

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<b>Appearance</b>	Pink powder
<b>Mesh Size</b>	APS 1 micron
<b>Related Substances</b>	Rare earth contents : Dy <sub>2</sub> O <sub>4</sub> , Yb <sub>2</sub> O <sub>3</sub> : ≤ 100 ppm, Ho <sub>2</sub> O <sub>3</sub> , Tm <sub>2</sub> O <sub>3</sub> : ≤ 300 ppm, Y <sub>2</sub> O <sub>3</sub> : ≤ 200 ppm Non-Rare earth contents : Fe <sub>2</sub> O <sub>3</sub> : ≤ 32 ppm, SiO <sub>2</sub> : ≤ 99 ppm, CaO : ≤ 97 ppm, Cl <sup>-</sup> : ≤ 100 ppm
<b>Purity</b>	≥ 99.9% (REO)
<b>Storage</b>	Store at RT

**For Laboratory Use Only**