

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47146
<b>Product</b>	<b>Bismuth oxide nanopowder (&lt;200 nm)</b>
<b>CAS Number</b>	1304-76-3
<b>Molecular Formula</b>	Bi <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	465.96

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<b>Appearance</b>	Yellow nanopowder
<b>Density</b>	Bulk density 0.7 g/cm <sup>3</sup> , True density 8.9 g/cm <sup>3</sup>
<b>Mesh Size</b>	APS <200 nm, SSA 3.4 - 5.0 m <sup>2</sup> /g
<b>Purity</b>	≥ 99.9% (Trace metals basis)
<b>Application</b>	Bismuth oxide used in electronics, optic devices, lead oxide alternative
<b>Storage</b>	Store at RT

**For Laboratory Use Only**