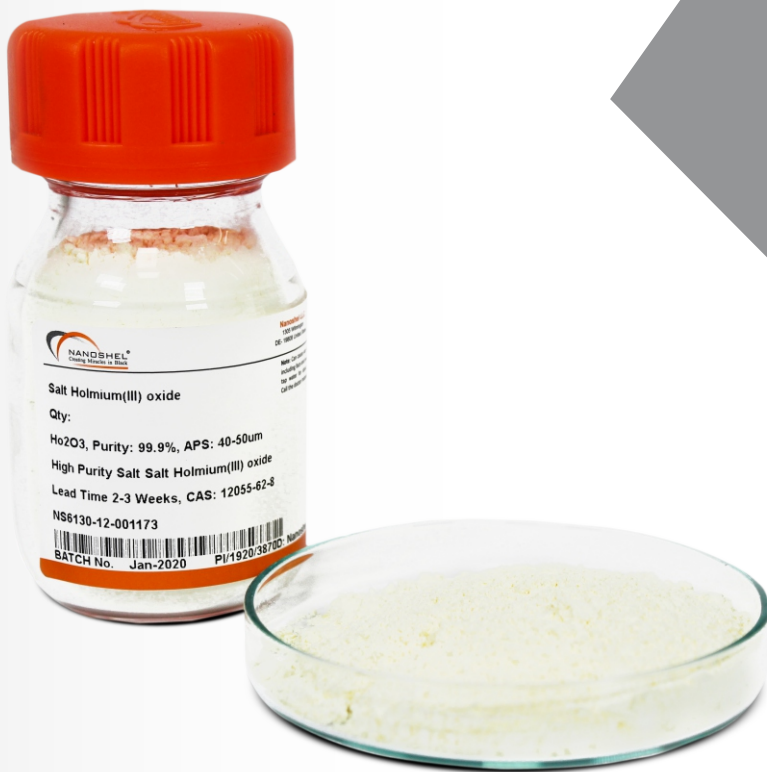


Holmium III

Oxide Powder



NS6130-12-001173

APS
40-50 μ m



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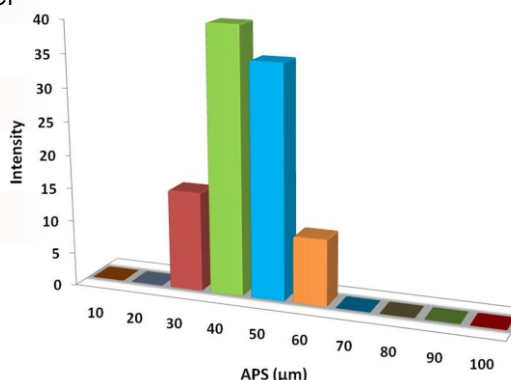
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Holmium III Oxide Powder

Holmium ion is another of the lanthanide rare earth elements used for the generation of laser radiation. Holmium Oxide has specialized uses in ceramics, glass, phosphors and metal halide lamp, and dopant to garnet laser. Holmium can absorb fission bred neutrons; it is also used in nuclear reactors to keep atomic chain reaction from running out of control. Holmium Oxide is one of the colorants used for cubic zirconia and glass, providing yellow or red coloring.

Quick Facts

Product	:	Holmium III Oxide Powder
Stock No	:	NS6130-12-001173
CAS	:	12055-62-8
Purity	:	99.9%
Color	:	Pink/Yellow
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
Ho_2O_3	40-50μm	377.86g/mol	2330°C

Chemical Composition

Product	Weight Percent (nominal)	
	Ho_2O_3	Other Metal
Holmium III Oxide Powder	99.9%	1000ppm

Applications

- Ceramics
- Glass
- Enamels

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