

# Holmium-166m Product Information

## Specifications

Radioisotope	Ho-166m
Half-life/Daughter	1.20 x 10 <sup>3</sup> years to erbium-166
Decay	<a href="#">Decay Radiation Information (NNDC)</a>
Chemical Form	Oxide powder
Available Specific Activity	~1.2 Ci/g
Activity Concentration	~37 MBq/g (~1 Mci/g) (Determined per lot)
Radionuclidic Purity	>98% wt Ho isotopes
Production Route	Neutron capture on holmium-165
Processing	Solid form, or in HNO <sub>3</sub> or HCl solutions
Primary Container	Glass screw cap bottle in nonreturnable container
Availability	Special order
Unit of Sale	Millicuries