

Certificate of Analysis

Date of Testing: 2024-12-18 19:34:59

Date of Next Testing: 2028-12-17 19:34:59

Product Name: **Holmium oxide**

CAS Number: 12055-62-8

Specifications & Purity: $\geq 99.9\%$ metals basis, < 100 nm particle size (SEM)

Lot #: L2417140

SKU #: **H107520**

Version: **0**

Analysis #: **034662**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle Size(TEM)	0-100 (nm)	47.27 nm
Total Metallic Impuritie	0-1000 (ppm)	482.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.95 %
Appearance (H107520)	Light yellow to light orange to light red powder	Light yellow to light orange to light red powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager