

Certificate of Analysis

Product Name	Hafnium(IV) oxide nanopowder, 70nm, 99.9%
Glenthams Code	GX5168
CAS Number	12055-23-1
Batch Number	460XYF
Molecular Weight	210.49
Molecular Formula	HfO ₂
Storage Temp.	+20°C



Property	Specification	Batch 460XYF
Physical Description	White to tan powder or crystal	White powder
Particle Morphology	Spherical	Spherical
Average Particle Size	approx. 70 nm	approx. 70 nm
Zirconium dioxide (ZrO ₂)	≤ 0.4%	≤ 0.4%
Purity (REO basis)	≥ 99.9%	≥ 99.9%

Specification Version	v1.0
Manufacture Date	2025-03-18
Re-Test Date	2032-03-09

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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