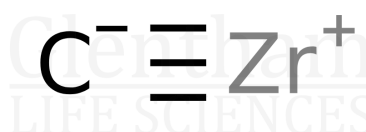


Certificate of Analysis

Product Name	Zirconium carbide
Glentham Code	GX2462
CAS Number	12070-14-3
Batch Number	245OLM

Molecular Weight	103.23
Molecular Formula	ZrC
Storage Temp.	+20°C



Property	Specification	Batch 245OLM
Physical Description	Black powder	Conforms
Hafnium (Hf) + Zirconium (Zn)	≥ 88.0%	88.2%
Hafnium (Hf)	Reported	2.0%
Carbon (C)	Reported	11.2%
Free Carbon	Reported	0.2%
Purity (Trace Metals Basis)	≥ 95.0%	Conforms

Specification Version	v1.0
Manufacture Date	2019-11-11
Re-Test Date	2029-11-01

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

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