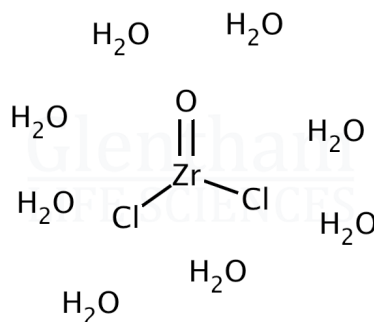


Certificate of Analysis

Product Name	Zirconium(IV) oxychloride octahydrate
Glentham Code	GX1780
CAS Number	13520-92-8
EINECS	231-717-9
MDL Number	MFCD00149898
Batch Number	599JAW
Molecular Weight	322.25
Molecular Formula	$\text{Cl}_2\text{OZr} \cdot 8\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 599JAW
Physical Description	White to off-white powder or crystals	Off-white crystals
Zirconium (Zr)	$\geq 36.0\%$ (ZrO ₂ incl. Hf oxides)	36.2%
Silicon dioxide (SiO ₂)	$\leq 0.005\%$	0.003%
Iron(III) oxide (Fe ₂ O ₃)	$\leq 0.005\%$	0.002%
Sodium oxide (Na ₂ O)	$\leq 0.005\%$	0.004%
Titanium dioxide (TiO ₂)	$\leq 0.005\%$	0.002%
Aluminium oxide (Al ₂ O ₃)	$\leq 0.005\%$	0.003%
Assay (Argentometric titration)	97.5 - 102.5 %	98.4%

Specification Version	v1.2
Manufacture Date	2024-06-25
Re-Test Date	2031-08-30

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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