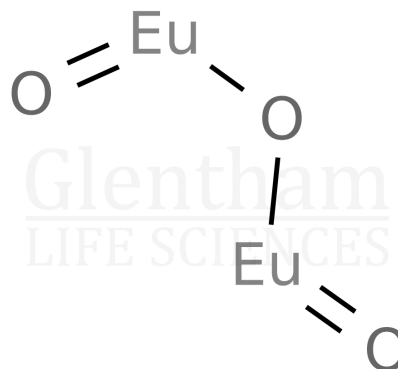


Certificate of Analysis

Product Name	Europium oxide, nanopowder, 99.99%
Glentham Code	GX8422
CAS Number	1308-96-9
EINECS	215-165-6
MDL Number	MFCD00010997
Batch Number	918TNU
Molecular Weight	351.92
Molecular Formula	Eu_2O_3
Storage Temp.	+20°C



Property	Specification	Batch 918TNU
Physical Description	White powder	White powder
Average Particle Size	$\leq 100\text{nm}$	$\leq 50\text{nm}$
Specific Surface Area	approx. $16\text{m}^2/\text{g}$	Conforms
Trace Rare Earth Analysis	Reported	36ppm
Purity (REO basis)	$\geq 99.99\%$	$\geq 99.99\%$

Specification Version	v1.0
Manufacture Date	2019-01-18
Re-Test Date	2028-11-24

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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