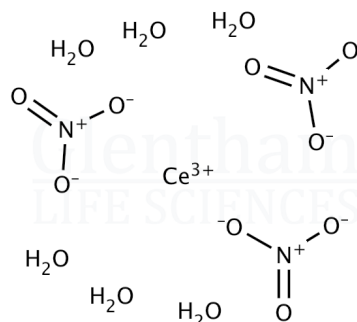


Certificate of Analysis

Product Name	Cerium(III) nitrate hexahydrate
Glentham Code	GK5085
CAS Number	10294-41-4
EINECS	233-297-2
MDL Number	MFCD00149631
PubChem SID	310269549
Additional CAS	10108-73-3
Batch Number	736ZIV
Molecular Weight	434.23
Molecular Formula	$\text{CeN}_3\text{O}_9 \cdot 6\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 736ZIV
Physical Description	Colourless crystals or white to almost white crystalline powder	Colourless crystals
Solubility (5% in water)	Clear to very faintly turbid solution	Clear solution
Sulphate (SO ₄)	≤ 100ppm	50ppm
Iron(III) oxide (Fe ₂ O ₃)	≤ 25ppm	2ppm
Calcium Oxide (CaO)	≤ 25ppm	21ppm
Lanthanum oxide (La ₂ O ₃)	≤ 100ppm	30ppm
Assay	≥ 99.5% (CeO ₂ /TREO basis)	99.99%

Specification Version	v1.0
Manufacture Date	2022-12-05
Re-Test Date	2030-03-23

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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