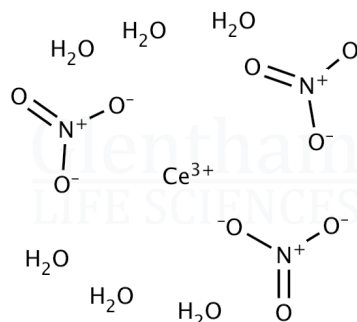


## Certificate of Analysis

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 <sub>4</sub> )	≤ 100ppm	50ppm
Iron(III) oxide (Fe <sub>2</sub> O <sub>3</sub> )	≤ 25ppm	2ppm
Calcium Oxide (CaO)	≤ 25ppm	21ppm
Lanthanum oxide (La <sub>2</sub> O <sub>3</sub> )	≤ 100ppm	30ppm
Assay	≥ 99.5% (CeO <sub>2</sub> /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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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