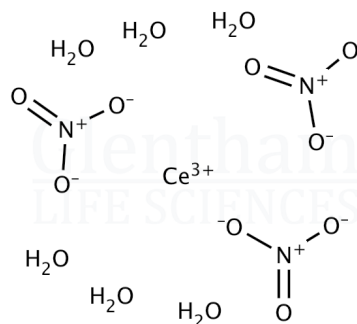


Product Specification

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

Specification Version	- v1.0
Date Created	- 2014-09-08

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025