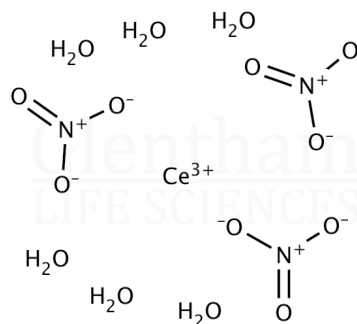


## Product Specification

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Product Name       | Cerium(III) nitrate hexahydrate                    |
| Glentham Code      | GK5085                                             |
| CAS Number         | 10294-41-4                                         |
| EINECS             | 233-297-2                                          |
| Numéro MDL         | MFCD00149631                                       |
| PubChem SID        | 310269549                                          |
| CAS supplémentaire | 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 <sub>4</sub> )                       | ≤ 100ppm                                                        |
| Iron(III) oxide (Fe <sub>2</sub> O <sub>3</sub> ) | ≤ 25ppm                                                         |
| Calcium Oxide (CaO)                               | ≤ 25ppm                                                         |
| Lanthanum oxide (La <sub>2</sub> O <sub>3</sub> ) | ≤ 100ppm                                                        |
| Assay                                             | ≥ 99.5% (CeO <sub>2</sub> /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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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