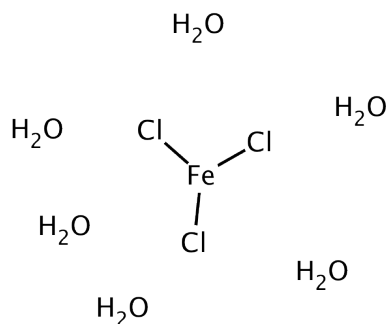


## Product Specification

|                   |  |
|-------------------|--|
| Product Name      | Iron(III) chloride hexahydrate         |
| Glentham Code     | GK2873                                 |
| CAS Number        | 10025-77-1                             |
| EINECS            | 231-729-4                              |
| MDL Number        | MFCD00149712                           |
| Additional CAS    | 7705-08-0 (anhyd.)                     |
| PubChem SID       | 310275363                              |
| Molecular Weight  | 270.30                                 |
| Molecular Formula | Cl <sub>3</sub> Fe · 6H <sub>2</sub> O |
| Storage Temp.     | +20°C                                  |



| Property                     | Specification                     |
|------------------------------|-----------------------------------|
| Physical Description         | Yellow to dark yellow-brown solid |
| Assay                        | ≥ 99.0%                           |
| Insoluble Matter             | ≤ 0.01%                           |
| Free Acid                    | ≤ 0.1%                            |
| Sulphate (SO <sub>4</sub> )  | ≤ 0.01%                           |
| Nitrate (NO <sub>3</sub> )   | ≤ 0.01%                           |
| Phosphate (PO <sub>4</sub> ) | ≤ 0.01%                           |
| Manganese (Mn)               | ≤ 0.05%                           |
| Copper (Cu)                  | ≤ 0.005%                          |
| Iron (Fe)                    | ≤ 0.002%                          |
| Zinc (Zn)                    | ≤ 0.01%                           |
| Arsenic (As)                 | ≤ 0.002%                          |

|                       |   |            |
|-----------------------|---|------------|
| Specification Version | - | v1.2       |
| Date Created          | - | 2018-11-07 |

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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