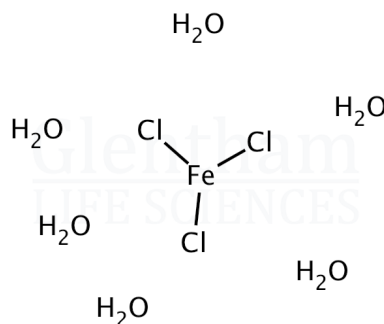


## Product Specification

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	$\text{Cl}_3\text{Fe} \cdot 6\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Yellow to dark yellow-brown solid
Identification	Reaction of chlorides
Identification	Reaction of iron
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%
Assay (Titration)	≥ 99.0%

Specification Version	- v1.3
Date Created	- 2025-02-26

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.

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