

Product Datasheet

GK4573 - Iron(III) citrate hydrate

Product Details

Product Name	Iron(III) citrate hydrate
Glenthams Code	GK4573
CAS Number	2338-05-8
EINECS	219-045-4
MDL Number	MFCD00013098
PubChem SID	310275364
Additional CAS	3522-50-7 (anhy.)

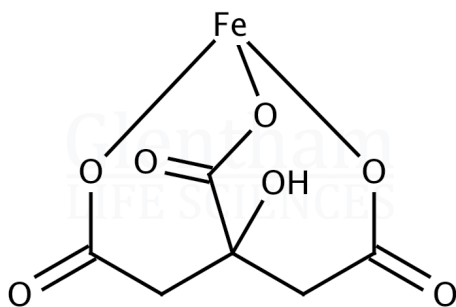
Solubility (0.5% in water)	: Clear, orange-brown solution
pH (0.5% in water)	: 1.9 - 3.1
Water	: ≤ 27.0%
Lead (Pb)	: ≤ 2ppm
Iron (Fe ²⁺)	: ≤ 3.0% (as-is basis)
Iron (Fe ³⁺)	: 16.5 - 20.0 % (as-is basis)
Version	: v1.0

About Iron(III) citrate hydrate

No further details on record.

Structure

Molecular Weight	: 244.95 (anhydrous)
Molecular Formula	: C ₆ H ₅ FeO ₇ · xH ₂ O



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description : Orange to brown powder

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