

## 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.)

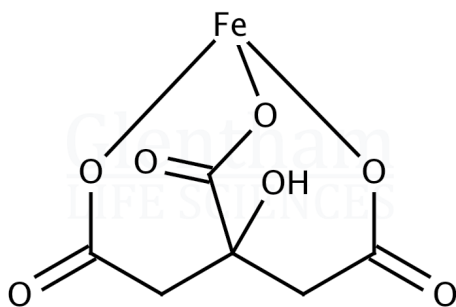
Solubility (0.5% in water)	: Clear, orange-brown solution
pH (0.5% in water)	: 1.9 - 3.1
Water	: $\leq 27.0\%$
Lead (Pb)	: $\leq 2\text{ppm}$
Iron (Fe <sup>2+</sup> )	: $\leq 3.0\%$ (as-is basis)
Iron (Fe <sup>3+</sup> )	: 16.5 - 20.0 % (as-is basis)
Version	: v1.0

#### About Iron(III) citrate hydrate

No further details on record.

#### Structure

Molecular Weight : 244.95 (anhydrous)  
Molecular Formula :  $\text{C}_6\text{H}_5\text{FeO}_7 \cdot x\text{H}_2\text{O}$



#### 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

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