

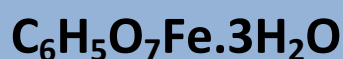


# Product Specification

cdhfinechemical.com

## FERRIC CITRATE

|                                    |   |
|------------------------------------|---|
| <b>PRODUCT CODE</b>                | <b>028381</b>   |
| <b>SYNONYMS</b>                    | (Iron III Citrate), (Citric acid Iron (III) Salt)   |
| <b>C.I. NO.</b>                    | --  |
| <b>CASR NO.</b>                    | (2338-05-8)   |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | $C_6H_5O_7Fe.3H_2O$   |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | 298.99  |
| <b>PROPERTIES</b>                  | Slowly but completely soluble in water, readily soluble in hot water .<br>Practically insoluble in alcohol. |



| PARAMETER                | LIMIT                                    |
|--------------------------|--|
| Description              | Reddish brown powder.                    |
| Solubility               | 0.5% solution in boiling water is clear. |
| Iron (Fe, By Iodometric) | 18 - 20%                                 |

### MAXIMUM LIMIT OF IMPURITIES

|  |         |
|--|---------|
| Ammonium (NH <sub>4</sub> )                              | 0.5%    |
| Chloride (Cl)  | 0.05%   |
| Arsenic (As)   | 0.0005% |
| Copper (Cu)  | 0.005%  |
| Lead (Pb)  | 0.005%  |
| Tartrate (C <sub>4</sub> H <sub>4</sub> O <sub>6</sub> ) | 0.5%    |
| Zinc (Zn)  | 0.005%  |

Note(s) : Assay (if applicable) method mentioned

### WARNING

Hazard statements: Not Hazardous. No hazards.

Precautionary statements

Prevention :---

Response: ----

Disposal: -----

Hazard Pictogram(s) :

IMDG Code :  
UN No. :  
IATA :