



# 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 .Practically insoluble in alcohol.
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Reddish brown powder.
Solubility	0.5% solution in boiling water is clear.
Iron (Fe, By Iodometric)	18 - 20%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
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%
<b>Note(s) : Assay (if applicable) method mentioned</b>	
<b>WARNING</b> Hazard statements: Not Hazardous. No hazards. Precautionary statements Prevention :--- Response: --- Disposal: -----	IMDG Code : UN No. : IATA :
Hazard Pictogram(s) :	