



Specification

Ferric Citrate

Catalog Number:	FC1002
CAS Number:	2338-05-8/3522-50-7
Synonym(s):	Iron(III) citrate hydrate, Iron(III) citrate
Molecular Formula:	$C_6H_5FeO_7 \cdot xH_2O$
Molecular Weight:	244.94 (Anhydrous basis)
Storage:	15°C – 30°C
Retest Period:	Three years from the date of manufacture

Test	Specification
Appearance	Orange-Brown Powder
Fe 3 + content (as is basis)	16.5% to 20.0%
Fe 2 + content	≤ 3.0%
Water, %	≤ 27.0%
Lead	≤ 2 ppm
pH (0.5%)	1.9 to 3.1
Solubility (0.5%)	Soluble
Aerobic plate count	≤ 1000 cfu/g
Yeast and molds	≤ 100 cfu/g
Total coliform	Negative

Approved:

Date: September 21, 2018

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