

CERTIFICATE OF ANALYSIS

Product Description FERRIC CITRATE
Product Number F352
Lot Number AXR0352005
Storage Temperature Room Temperature
Molecular Weight 244.95
Formula $C_6H_5O_7Fe$
CAS Number 3522-50-7

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Boiling Water @ 10 mg/mL	Passes
pH	Under Development	3.4
Physical Appearance Color*	2130-10, 2130-20, 2114-10, 2165-10 to 2165-30	2165-10 Brown w/Orange Tint and Black Specks
Texture	Fine Powder to Crystals	Fine Powder
Solution Appearance Clarity	Clear	Clear
Color	Yellow to Yellow-Green	Yellow-Green
Average Time to Dissolve	Within 20 min	Passes
Insolubles	None	Passes
Fe ³⁺ Content (as is)	16.5 to 20.0%	18.2%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 100.0 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Kalanchoe	Passes
	Cape Primrose	Passes

The material described in this certificate is synthetic. No animal or plant-derived components were used in the manufacture of this product.

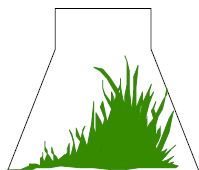
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Date of Release: 17-August-2018

Recommended Shelf Life Date: August 2026



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