

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	3.3
Physical Appearance Color*	2130-10, 2130-20, 2114-10, 2165-10 to 2165-30	2165-10 Light Brown
Texture	Fine Powder to Crystals	Fine Powder
Solution Appearance Clarity Color	Clear Yellow to Yellow-Green	Clear Yellow
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.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 17-July-2025

Recommended Shelf-Life Date: July 2030

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