

CERTIFICATE OF ANALYSIS

Product Description FERRIC AMMONIUM CITRATE
 AMMONIUM IRON(III) CITRATE
Product Number F374
Lot Number 01J37402
Storage Temperature Room Temperature
Formula $C_6H_8O_7Fe_{(x)}NH_{3(x)}$
CAS Number 1185-57-5

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.025 g/L)	Under Development	6.09
Physical Appearance Color*	2130-10 (Black Bean Soup) 2111-10 to 2116-10, 2112-20 to 2115-20, or 2130-20	2112-10 (Mink)
Texture	Crystals to Crystalline Powder	Crystals
Solution Appearance Clarity Color	Clear Colorless to Slight Yellow Tint	Clear Slight Yellow Tint
Average Time to Dissolve	Within 1 min	Passes
Precipitation Formation	None	Passes

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

Biological Testing:

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	Boston Fern	Passes
	Hosta	Passes

The material described in this certificate was manufactured in the United States of America and is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

*Phyto*Technology Laboratories, LLC provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. *Phyto*Technology Laboratories 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.

Recommended Shelf Life Date: September 2009



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PhytoTechnology
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Dedicated to Growth

PhytoTechnology Laboratories, LLC

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