

CERTIFICATE OF ANALYSIS

Product Description FERRIC AMMONIUM CITRATE
AMMONIUM IRON(III) CITRATE
Product Number F374
Lot Number HKE0374011
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 @ 10 mg/mL	Passes
pH	Under Development	5.4
Physical Appearance Color*	2111-10 to 2116-10, 2112-20 to 2115-20, 2130-10, 2130-20 2158-10 to 2158-30, or 2024-20	2024-20 Yellow-Green
Texture	Crystalline Powder to Crystals	Crystalline Powder
Solution Appearance Clarity	Clear	Clear
Color	Colorless to Amber or Light Yellow-Green	Light Yellow-Green
Average Time to Dissolve	Within 3 min	Passes
Insolubles	None	Passes

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

Biological Testing:

Test Concentration: 25.0 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	H38 Tobacco Callus	Passes
	Parrot Feather	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: 09-May-2024
Recommended Shelf-Life Date: May 2032



David Hart
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