

CERTIFICATE OF ANALYSIS

Product Description	FERRIC CHLORIDE, ANHYDROUS; IRON (III) CHLORIDE
Product Number	F2876
Lot Number	12E2876002
Molecular Weight	162.2
Formula	FeCl ₃
CAS Number	7705-08-0
Storage Temperature	Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	2.38
Physical Appearance		
Color*	Under Development	2115-10 Dark Brown
Texture	Under Development	Fine Powder
Solution Appearance		
Clarity	Under Development	Clear
Color	Under Development	Yellow Tint
Average Time to Dissolve	Under Development	Within 10 mins
Insolubles	None	Passes
Purity	Under Development	99.20%

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

Biological Testing:

Test Concentration:

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
	Achimenes	Passes

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

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology 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: May 2020



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