

# CERTIFICATE OF ANALYSIS

Product Description FERRIC CHLORIDE, ANHYDROUS; IRON (III) CHLORIDE  
Product Number F2876  
Lot Number 12C2876001  
Molecular Weight 162.2  
Formula FeCl<sub>3</sub>  
CAS Number 7705-08-0  
Storage Temperature Room Temperature

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 10 mg/mL	Passes
pH	Under Development	3.3
Physical Appearance		
Color*	Under Development	2128-10 Black w/Yellow Hue
Texture	Under Development	Fine Powder, form clumps
Solution Appearance		
Clarity	Under Development	Clear
Color	Under Development	Slight Yellow Tint
Average Time to Dissolve	Under Development	Within 2 minutes
Insolubles	None	Passes
%Fe	Under Development	34.3%

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

## Biological Testing:

TEST SPECIFICATION	ALGAL CELL LINE	RESULTS
Supports and/or facilitates algal growth.	<i>Nannochloropsis oculata</i>	Passes

The material described in this certificate 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 2022



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PhytoTechnology  
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