

# CERTIFICATE OF ANALYSIS

Product Description FERRIC CHLORIDE, HEXAHYDRATE  
IRON(III) CHLORIDE  
Product Number F383  
Lot Number SPS0383005  
Storage Temperature Room Temperature  
Molecular Weight 270.32  
Formula  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$   
CAS Number 10025-77-1

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water	Passes
pH (0.027 g/L)	Under Development	2.1
Physical Appearance Color*	2017-40 to 2021-40, 2155-10 to 2155-50, HC-7, or HC-10	HC-10 Tan
Texture	Crystals to Crystalline Powder	Crystals
Solution Appearance Clarity Color*	Clear Yellow to Orange	Clear Yellow
Average Time to Dissolve	For Information only) (Apprx.5 min)	5 min
Insolubles	None	Passes
Assay	Minimum 97.0%	99.80%

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

## Biological Testing:

Test Concentration: 0.027g/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	Coreopsis	Passes
	Cape Primrose	Passes

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

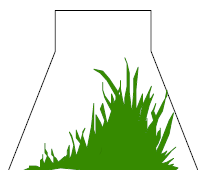
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Release Date: 21-Apr-17

Recommended Shelf Life Date: April 2025



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