

CERTIFICATE OF ANALYSIS

Product Description FERRIC CHLORIDE, HEXAHYDRATE
IRON(III) CHLORIDE
Product Number F383
Lot Number 10E0383004
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 @ 10 mg/mL	Passes
pH	Under Development	1.77
Physical Appearance Color*	2017-40 to 2021-40, 2155-10 to 2155-50, HC-7, or HC-10	2159-10 Amber
Texture	Crystalline Powder to Crystals-Lump	Crystals -Lump
Solution Appearance Clarity Color	Clear Yellow to Orange	Clear Yellow
Average Time to Dissolve	Within 5 min	Passes
Insolubles	None	Passes
Purity	Minimum 97.0%	99.2%

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

Biological Testing:

Test Concentration: 27.0 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	Coreopsis	Passes
	Tobacco callus	Passes

The material described in this certificate is synthetic. 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 2018



Gary Seckinger, Ph.D.



PhytoTechnology
Laboratories®
Dedicated to Growth

PhytoTechnology Laboratories®

Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)
Visit our Web Site at <http://www.phytotechlab.com>



Created on 21 June 2010