

CERTIFICATE OF ANALYSIS

Product Description TRIPHENYL TETRAZOLIUM CHLORIDE (TTC)
TETRAZOLIUM RED
Product Number T8164
Lot Number 13F8164002
Molecular Weight 334.81
Formula C₁₉H₁₅N₄Cl
CAS Number 298-96-4
Storage Temperature 2-6 °C

Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	3.7
Physical Appearance Color* Texture	Under Development Under Development	HC-18 Pale Yellow Crystalline Powder
Solution Appearance Clarity Color	Clear Under Development	Clear Colorless
Average Time to Dissolve	Under Development	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Under Development	99.00%

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

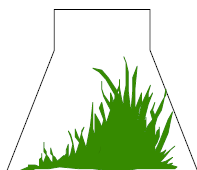
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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.

Date of Release: 27-April-17
Recommended Shelf Life Date: April 2022



David S. Hart
Technical Director



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>

