

CERTIFICATE OF ANALYSIS

Product Description TRIPHENYL TETRAZOLIUM CHLORIDE (TTC)
TETRAZOLIUM RED
Product Number T8164
Lot Number HXT8164009
Molecular Weight 334.81
Formula C₁₉H₁₅N₄Cl
CAS Number 298-96-4
Storage Temperature 2-8°C

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	6.8
Physical Appearance		
Color*	Under Development	2143-70 White
Texture	Under Development	Fine Powder
Solution Appearance		
Clarity	Clear	Clear
Color	Under Development	Colorless
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Under Development	99.60%

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

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. 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: 28-July-2025

Recommended Shelf-Life Date: July 2030

Prepared by:  _____

Alex Lambert

Lead Quality Control Laboratory Technician