

CERTIFICATE OF ANALYSIS

Product Description TETRAZOLIUM BLUE CHLORIDE
Product Number T8199
Lot Number 14H8199001
Molecular Weight 727.64
Formula $C_{40}H_{32}Cl_2N_8O_2$
CAS Number 1871-22-3
Storage Temperature Room Temperature

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Methanol @ 1 mg/mL	Passes
Physical Appearance		
Color*	Under Development	2023-50 Yellow
Texture	Fine Powder	Fine Powder
Solution Appearance		
Color	Under Development	Light Yellow
Clarity	Clear	Clear
Average Time to Dissolve	Under Development	Passes
Insolubles	None to Few	Passes-Few
Purity	Under Development	96.50%
FTIR	Conforms to Structure	Passes

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

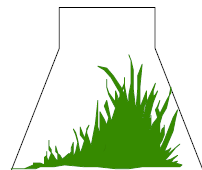
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

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.

Recommended Shelf Life Date: October 2022



Gary Seckinger, Ph.D.



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