

# CERTIFICATE OF ANALYSIS

Product Description BROMOTHYMOL BLUE, 3',3''-  
DIBROMOTHYMOLSULPHONEPTHALEIN  
Product Number B1575  
Lot Number 13G1575001  
Molecular Weight 624.40  
Formula C<sub>27</sub>H<sub>28</sub>Br<sub>2</sub>O<sub>5</sub>S  
CAS Number 76-59-5  
Storage Temperature Room Temperature

## Physicochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in EtOH @ 1 mg/mL	Passes
pH ( g/L)	Under Development	2.8
Physical Appearance Color* Texture	Under Development Under Development	2167-60 Light Pink Fine Powder
Solution Appearance Color Clarity	Under Development Under Development	Orange Clear
Average Time to Dissolve	Under Development	Passes-within 3 minutes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes

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

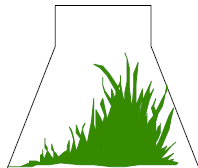
The material described in this certificate is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**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: July 2021



Gary Seckinger, Ph.D.



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