

# CERTIFICATE OF ANALYSIS

Product Description ROSE BENGAL, SODIUM SALT  
Product Number R7171  
Lot Number 12E7171001  
Molecular Weight 1017.64  
Formula  $C_{20}H_2Cl_4I_4Na_2O_5$   
CAS Number 632-69-9  
Storage Temperature Room Temperature

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
Physical Appearance		
Color*	Under Development	RM-19 Burgundy
Texture	Fine Powder, may have clumps	Fine Powder w/clumps
Solution Appearance		
Color	Under Development	Red
Clarity	Clear to Hazy	Hazy
Insolubles	None to Fine	Fine
Min. Dye Content	Under Development	82.8%
Loss on Drying	For Information Only	< 10%

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

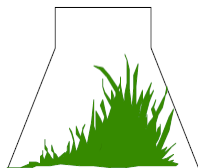
The material described in this certificate was manufactured in the United States of America and is synthetic in nature. No animal- or plant-derived components were used in the manufacture of this product.

**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: January 2021



Gary Seckinger, Ph.D.



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