

# CERTIFICATE OF ANALYSIS

Product Description X-GLUC, SODIUM SALT  
5-BROMO-4-CHLORO-3-INDOLYL- $\beta$ -D-GLUCURONIC ACID, SODIUM SALT  
Product Number X871  
Lot Number 15B0871020  
Storage Temperature -20-0°C  
Molecular Weight 444.6  
Formula  $C_{14}H_{12}BrClNaNO_7$   
CAS Number 129541-41-9

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance Color* Texture	PM-1 to PM-4 Fine to Crystalline Powder, may form clumps	PM-4 White Fine Powder
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	Within 2 min	Passes
Insolubles	None	Passes
Purity by TLC	Minimum 98.0%	98%
FTIR	Conforms to Structure	Passes
Water Content (Karl Fischer)	For Information Only	11%

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

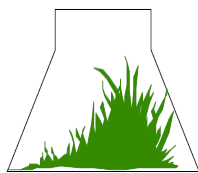
The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

**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: February 2018



Gary Seckinger, Ph.D.



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