

# 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 AHR0871025  
Storage Temperature -20°C  
Molecular Weight 444.6 g/mol  
Formula C<sub>14</sub>H<sub>12</sub>BrClNaNO<sub>7</sub>  
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, forms clumps
Solution Appearance Clarity Color	Clear Colorless	Clear Colorless
Average Time to Dissolve	For Information Only (Approx. 2 min)	Passes
Insolubles	None	Passes
Purity by TLC	Minimum 98.0%	99.7%
FTIR	Conforms to Structure	Passes
Water Content (Karl Fischer)	For Information Only	0.6%

\*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: 12-November-2021  
Recommended Shelf Life Date: November 2023



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