

# CERTIFICATE OF ANALYSIS

Product Description X-GLUC, MONOCYCLOHEXYL AMMONIUM SALT  
5-BROMO-4-CHLORO-3-INDOLYL- $\beta$ -D-GLUCURONIC ACID,  
MONOCYCLOHEXYL AMMONIUM SALT

Product Number X877

Lot Number 14F0877035

Storage Temperature -20-0°C

Molecular Weight 521.8

Formula  $C_{20}H_{26}BrClN_2O_7$

CAS Number 114162-64-0

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in DMSO @ 10 mg/mL	Passes
Physical Appearance		
Color*	PM-1 to PM-4	PM-4 White
Texture	Fine Powder, may form clumps	Fine Powder, form clumps
Solution Appearance		
Clarity	Clear	Clear
Color	Colorless	Colorless
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
FTIR	Conforms to Structure	Passes
Purity	Minimum 98.0%	100%
Water Content (by Karl Fischer)	For Information Only	0.8%

\* 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: June 2017



Gary Seckinger, Ph.D.



PhytoTechnology  
Laboratories®  
Dedicated to Growth

PhytoTechnology Laboratories®  
Mailing Address: P.O. Box 12205, Shawnee Mission, KS 66282-2205  
Phone: 1-888-749-8682 (1-913-341-5343 *Outside the USA & Canada*)  
Fax: 1-888-449-8682 (1-913-341-5442 *Outside the USA & Canada*)  
Visit our Web Site at <http://www.phytotechlab.com>



Created on 24 June 2014 DS