

CERTIFICATE OF ANALYSIS

Product Description X-GLUC, SODIUM SALT
5-BROMO-4-CHLORO-3-INDOLYL- β -D-GLUCURONIC ACID, SODIUM SALT
Product Number X871
Lot Number SXS0871024
Storage Temperature -20°C
Molecular Weight 444.6 g/mol
Formula C₁₄H₁₂BrClNaNO₇
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-1 White Fine Powder |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Approx. 2 min) | 2 min |
| Insolubles | None | Passes |
| Purity by TLC | Minimum 98.0% | >98% |
| 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.

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Date of Release: 1-December-2021
Recommended Shelf Life Date: December 2023



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