



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-089
Lot Number	000475-5118023
Product	5-Bromo-4-chloro-3-indolyl-α-D-glucopyranoside 5-Bromo-4-chloro-3-(α -D-galactopyranosyloxy)indole 5-Bromo-4-chloro-3-indolyl- α -D-glucoside
CAS Number	108789-36-2
Molecular Formula	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight	408.63

Appearance	White powder
Solubility	Clear and colorless solution (2% DMF)
Water Content (Karl Fisher)	0.1%
Optical Rotation	$[\alpha]_D^{20} = +108.9^\circ$ (C=1, DMF:H ₂ O=1:1)
¹ H NMR	Conforms to structure
Purity by TLC	99%
Storage	Store at 0-8 °C