



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: MB1001

<u>Product Name:</u>	5-BROMO-4-CHLORO-3-INDOLYL-β-D-GALACTOPYRANOSIDE (X-GAL)
<u>CAS Number:</u>	[740-90-6]
<u>Lot Number:</u>	P1/202/111
<u>Molecular Formula:</u>	C ₁₄ H ₁₅ BrClNO ₆
<u>Molecular Weight:</u>	408.6
<u>Appearance:</u>	White powder
<u>Optical Rotation:</u>	-62.0°C (C=1, DMF:H ₂ O 1:1)
<u>Solubility:</u>	Clear & Colorless solution (Sol. 2% DMF)
<u>Water (KF):</u>	0.1%
<u>Purity (TLC):</u>	>99%
<u>Assay (HPLC):</u>	98.4%
<u>Storage:</u>	Store at 4°C or below