

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	21388
<b>Lot Number</b>	000475-42-38-114
<b>Product</b>	<b>5-Bromo-6-chloro-3-indoxyl-<math>\beta</math>-D-glucopyranoside</b> 5-Bromo-6-chloro-3-indolyl $\beta$ -d-glucopyranoside
<b>CAS Number</b>	93863-89-9
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>15</sub> BrClNO <sub>6</sub>
<b>Molecular Weight</b>	408.63

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (2% in DMF)
<b>Water Content (Karl Fisher)</b>	1.2%
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -52.4^\circ$ (C=1 in DMF:H <sub>2</sub> O=1:1)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager