

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	21199
<b>Product</b>	<b>5-Bromo-6-chloro-3-indolyl-<math>\beta</math>-D-galactopyranoside</b> 5-Bromo-6-chloro-3-indoxyl- $\beta$ -D-galactopyranoside  Magenta Gal
<b>CAS Number</b>	93863-88-8
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>15</sub> BrClNO <sub>6</sub>
<b>Molecular Weight</b>	408.63
<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear and colorless solution (1.3% EtOH)
<b>Water Content (Karl Fisher)</b>	$\leq 1\%$
<b>Optical Rotation</b>	$[\alpha]_{\text{D}}^{20} = -45 \pm 2^{\circ}$ (dry basis)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by TLC</b>	$\geq 99\%$
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**