

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	21197
<b>Lot Number</b>	000475-18-85-023
<b>Product</b>	<b>5-Bromo-6-chloro-3-indolyl <math>\beta</math>-D-glucuronide cyclohexylammonium salt</b>
<b>CAS Number</b>	144110-43-0
<b>Molecular Formula</b>	$C_{14}H_{13}BrClNO_7 \cdot C_6H_{13}N$
<b>Molecular Weight</b>	521.79

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<b>Appearance</b>	Almost white powder
<b>Solubility</b>	Clear and colorless solution (2% in DMF)
<b>Water Content (Karl Fisher)</b>	0.2%
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -67.3^\circ$ (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>	> 98%
<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