

# Chem-Impex International, Inc.

---

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

---

## Certificate of Analysis

<b>Catalogue Number</b>	21531
<b>Lot Number</b>	002290-051216
<b>Product</b>	<b>6-Chloro-3-indolyl-<math>\beta</math>-D-galactopyranoside</b>

6-Chloro-3-( $\beta$ -D-galactopyranosyloxy)indole

<b>CAS Number</b>	138182-21-5
-------------------	-------------

<b>Molecular Formula</b>	$C_{14}H_{16}ClNO_6$
--------------------------	----------------------

<b>Molecular Weight</b>	329.73
-------------------------	--------

---

<b>Appearance</b>	Off-white to cream powder with pale yellow tinge
-------------------	--

<b>Solubility</b>	Clear, colorless to very light yellow solution (1% in Methanol)
-------------------	---

<b>Water Content (Karl Fisher)</b>	0.40%
------------------------------------	-------

<b>Optical Rotation</b>	$[\alpha]_D^{20} = -45.01^\circ$ (C=1 in MeOH)
-------------------------	--

<b>Purity by HPLC</b>	98.68%
-----------------------	--------

<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