

# 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>	21781
<b>Lot Number</b>	000475-35-108-102
<b>Product</b>	<b>Indoxyl <math>\beta</math>-D-glucoside</b> 3-Indole-D-glucoside
<b>CAS Number</b>	487-60-5
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>17</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	295.29

---

<b>Appearance</b>	Almost white powder
<b>Solubility</b>	Clear colorless solution (C=1 in Methanol)
<b>Water Content (Karl Fisher)</b>	0.1%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -73.5 ° (C=0.5 in MeOH)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.2%
<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