

## Certificate of Analysis

<b>PRODUCT:</b>	<b>Indoxyl-Glucoside</b> 3-Indolyl $\beta$ -D-glucopyranoside <b>C<sub>14</sub>H<sub>17</sub>NO<sub>6</sub>, M.W 295.3, CAS# [487-60-5]</b>
<b>PRODUCT NUMBER:</b>	I-2587
<b>LOT NUMBER:</b>	H1311
<b>APPEARANCE:</b>	White crystal powder.
<b>PURITY(HPLC):</b>	>99%
<b>SPECIFIC ROTATION:</b>	-59.5°; (C=1, H <sub>2</sub> O)
<b>H<sub>2</sub>O CONTENT (KF):</b>	0.3%
<b>IDENTITY (IR):</b>	Conforms to structure
<b>DESCRIPTION:</b>	Chromogenic substrate for $\beta$ -Glucosidase that, upon enzymatic action, forms a blue precipitate. It is used in microbiology culture media for the identification of $\beta$ -Glucosidase positive organisms and in histochemistry for the detection of enzyme activity in tissues.
<b>STORAGE &amp; HANDLING:</b>	<b>Store desiccated at -20°C.</b>

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KS