



# Certificate of Analysis

## X-GAL

### 5' bromo-4-chloro-3-indolyl- $\beta$ -D-galactopyranoside

<u>Catalog #</u>	<u>Size</u>
IB02264	100 mg

**Catalog Number:** IB02264

**Lot Number:** 17G0156

**Molecular Formula:** C<sub>14</sub>H<sub>15</sub>BrClNO<sub>6</sub>

**Molecular Weight:** 408.64

**Appearance:** White powder

<u>Assay</u>	<u>Min</u>	<u>Max</u>	<u>Actual</u>	<u>Units</u>	<u>Disposition</u>
Purity (Enzymatic)	99.0		99.4	%	PASS
Blank (A620; 0.1%, PO <sub>4</sub> , pH 7.3)		0.01	-0.00		PASS
Solubility (2%, DMF)	PASS		PASS	P/F	PASS
Identification	PASS		PASS	P/F	PASS
Specific Rotation (0.1%, 50% DMF)	-64	-56	-62	°	PASS

#### Storage

Store desiccated at -20°C. Warm to room temperature before opening. Keep tightly sealed.

*This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.*

Signature: *K. Kutsch*  
Date: 09/7/2017