



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

Product: X-GAL
Grade: ULTRA PURE GRADE
Code: 0428
Appearance: White powder
Mol. Formula: C14H15BrClNO6
Mol. Weight: 408.64
Description: 5-Bromo-4-Chloro-3-Indolyl-beta-D-Galactopyranoside

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Blank (A620; 0.1%, PO4, pH 7.3)		0.01		PASS
Identification	PASS		P/F	PASS
Purity (Enzymatic)	99.0		%	PASS
Solubility (2%, DMF)	PASS		P/F	PASS
Specific Rotation (0.1%, 50% DMF)	-64	-56	degrees	PASS

Storage: Store frozen. Keep dry. Warm to room temperature before opening.

0428UP

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

Signature:

Title:

QC MANAGER

Date:

6/29/2012