

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

Catalogue Number	00320
Product	5-Bromo-4-chloro-3-indolyl-β-D-galactopyranoside
Lot Number	002290-0160416
	5-Bromo-4-chloro-3-indolyl- β -D-galactoside
	X-Gal
CAS Number	7240-90-6
Molecular Formula	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight	408.64
<hr/>	
Appearance	White crystalline powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in DMF:MeOH 1:1)
Solubility	Soluble in DMF. Insoluble in water.
Water Content (Karl Fisher)	0.35%
Optical Rotation	[α] _D ²⁰ = -60.35° (C=1 in DMF:Water 1:1)
Infrared Spectrum	Conforms to structure
Assay (anhydrous basis)	99.57% (HPLC)
Purity by HPLC	99.63%
Storage	Store at ≤ -4 °C
Remarks	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