



CERTIFICATE OF ANALYSIS

Product : **5-BROMO-4-CHLORO-3-INDOLYL- β -D-GALACTOPYRANOSIDE (X-GAL)**
Product number : X1402
Batchnumber : 017830
Date of analysis : 14-06-2023
Expiry date : 30-06-2026

Packaging and storage : store dry at -20 °C, protect from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white to off-white crystalline powder	white powder		
Identification	conform	complies		IR-spectrum
Appearance of solution	clear and colourless	complies		2% in DMF
Specific optical rotation	-63.0 \pm -60.0	-62.64	°	
Water content	\leq 1.0	0.27	%	Karl Fischer
Assay	\geq 99.0	99.30	%	HPLC

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 19-06-2023

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

