

CERTIFICATE OF ANALYSIS

Product : **5-BROMO-4-CHLORO-3-INDOLYL- β -D-GALACTOPYRANOSIDE (X-GAL)**
Product number : X1402
Batchnumber : 017163
Date of analysis : 30-05-2022
Expiry date : 31-05-2025

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	-62.2 \pm 1	-62.52	°	
Water content	\leq 0.5	0.29	%	Karl Fischer
Assay	\geq 99.0	99.22	%	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: 12-07-2022



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

Duchefa Biochemie B.V.