

CERTIFICATE OF ANALYSIS

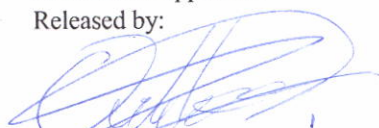
Product : **5-BROMO-INDOLYL- β -D-GALACTOPYRANOSIDE (Blue-Gal)**
 Product number : B1414
 Batch number : 014105
 Date of analysis : 19-09-2017
 Date of expiry : 30-09-2020
 Storage conditions : store dry between -25 and -15 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white to off-white powder	complies		
Identification	conform	complies		NMR
Optical rotation	-36 – -32	-33.2	°	DMF:H ₂ O=1:1 c=1,
Appearance of solution	clear and colourless	complies		2% in DMF
Water	≤ 1.0	0.3	%	Karl Fischer
Assay	≥ 98	> 98	%	TLC

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

Conclusion: approved

Released by:



Date: 25-10-2018

drs. Q. de Hoog, pharmacist
 Department of Quality Control Duchefa B.V.

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