

CERTIFICATE OF ANALYSIS

Product : **5-BROMO-6-CHLORO-3-INDOLYL-β-D-GLUCURONICACID, CYCLOHEXYLAMMONIUM SALT (MAGENTA-GlcA)**
 Product number : M1412
 Batch number : 013183
 Date of analysis : 05-05-2017
 Date of expiry : 31-05-2022
 Storage conditions : store dry between 2 and 8 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	off-white powder	complies		
Appearance of solution	clear and colourless	complies		2% in DMF
Identity	conform	complies		NMR
Optical rotation	-71 – -65	-68.3	°	DMF:H ₂ O=1:1 c=1, dried substance
Water	≥ 1.0	0.4	%	Karl Fischer
Assay	≥ 98	98	%	TLC

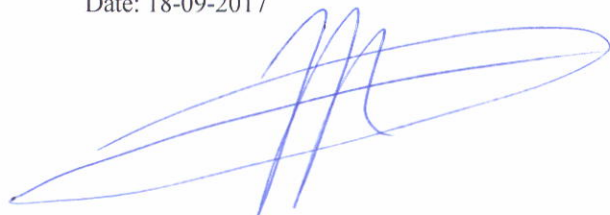
This certificate of analysis is conform the results of the manufacturer and controlled by M.G. Smith.

Conclusion: approved

Released by:

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

Date: 18-09-2017



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