

CERTIFICATE OF ANALYSIS

Product : 5-BROMO-6-CHLORO-3-INDOLYL-β-D-GLUCURONICACID,

CYCLOHEXYLAMMONIUM SALT

(MAGENTA-GlcA)

 Product number
 : M1412

 Batch number
 : 012885

 Date of analysis
 : 15-05-2013

 Date of expiry
 : 31-05-2018

Storage conditions : store dry between 2 and 8 °C

Appearance Appearance of solution Identity	SPECIFICATION off-white powder clear and colourless conform	RESULT complies complies complies	UNITS	REMARKS 2% in DMF NMR
Optical rotation	-71 – -65	-66.2	0	$DMF:H_2O=1:1$
				c=1, dried substance
Water	< 1.0	0.25	%	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: 18-04-2017

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

mail address:Postbus 809 - 2003 RV Haarlem - The Netherlandstelephone: +31(0)23 - 531 90 93iban: NL54 INGB 0651 4661 80k.v.k. in Amsterdam: 34073001visiting address:A. Hofmanweg 71 - 2031 BH Haarlemtelefax: +31(0)23 - 531 80 27bic: INGBNL2Awebsite: www.duchefa.com