

CERTIFICATE OF ANALYSIS

Product : **5-BROMO-4-CHLORO-3-INDOLYL- β -D-GLUCURONICACID, CYCLOHEXYLAMMONIUM SALT (X-GlcA)**
Product number : X1405
Batch number : 016742
Date of analysis : 05-01-2022
Date of expiry : 31-01-2025
Storage conditions : store dry at 2 – 8 °C, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white to off-white powder	white powder		
Solubility	soluble in DMSO and DMF			
Identity	conform	complies		¹ H NMR
Appearance of solution	clear and colourless	complies		2% in DMF
Optical rotation	-90.1 \pm 2.0	-88.89	°	DMF:H ₂ O=1:1 c=1, dried substance
Water	\leq 3.0	1.43	%	Karl Fischer
Assay	\geq 99.0	99.95	%	TLC

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: 12-01-2022



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

Duchefa Biochemie B.V.