

CERTIFICATE OF ANALYSIS

Product : **5-BROMO-4-CHLORO-3-INDLYL- β -D-GLUCURONIC ACID, SODIUM SALT trihydrate (X-GlcA sodium salt)**
Product number : X1406
Batch number : 016743
Date of analysis : 05-01-2022
Date of expiry : 31-01-2025
Storage conditions : store dry at 2 – 8 °C, protect from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white to off-white powder	white powder		
Identity	conform	complies		¹ H NMR
Appearance of solution	clear and colourless	complies		2% in DMF
Water	9.8 – 11.8	10.5	%	Karl Fischer
Optical rotation	-108 ± 2	-108.3	°	DMF:H ₂ O=1:1, c=1, dried substance
Purity	single spot ≥ 98	> 98	%	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.