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CERTIFICATE OF ANALYSIS

Product Name 5-Bromo-4-chloro-3-indolyl beta-D-glucuronide cyclohexylammonium salt

Product Code 70065

Batch No W/SAMPLE

CAS Number 114162-64-0

Molecular Formula $C_{20}H_{26}BrClN_2O_7$

Molecular Weight 521.8

Product Storage To prevent deterioration, the product should be stored in tightly closed containers, under nitrogen, in a freezer or cold room at -20 degrees centigrade.

Test	Specification	Result
Appearance	Colourless crystals or white needles	White needles
HPLC	>99%	99.5%
Solution Test	1% in DMF/water 1:1, clear and practically colourless	1% in DMF/water 1:1, clear and practically colourless
Water content	<5% (by Karl Fischer)	<4.5%
Specific Optical Rotation	$[\alpha]_D -91^\circ$ to -87°	-89°
Specific Optical Rotation Method	$c = 1$ in DMF/Water 1:1, 20°C	$c = 1$ in DMF/Water 1:1, 20°C
Expiration date		01 January 2007

Date of Issue 01 January 2001 **Version** 1

Chemist Mrs Ellen Atkinson MChem.

Approval

Document No. 70065/W/SAMPLE