

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 11:05:06

Date of Next Testing: 2027-04-23 11:05:06

Product Name: **5-Bromo-4-chloro-3-indolyl β -D-Glucuronide Sodium Salt [for Biochemical Research] (X-GlcA Sodium Salt)**

CAS Number: 129541-41-9

Specifications & Purity: $\geq 98\%$

Lot #: D2511360

SKU #: **B152261**

Version: **2**

Analysis #: **488890**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.28300 %
Water by Karl Fischer	0-15 (%)	5.25690 %
Specific Rotation $[\alpha]_{20/D}$ (anhydrous, C=1 in H ₂ O:DMF(1:1))	-111~-106 (°)	-110.70400 °
Appearance (B152261)	White to Almost white powder to crystal	White to Almost white powder to crystal
ICP: Confirms Sodium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager