

## 4161 – 5-BROMO-4-CHLORO-3-INDOLYL-β-DGLUCURONIDE CYCLOHEXYL AMMONIUM SALT

REF NO: TBL/QA/SS/LC/4161	STANDARD SPECIFICATION FOR 5-BROMO-4-CHLORO-3- INDOLYL-β-DGLUCURONIDE CYCLOHEXYL AMMONIUM SALT	Rev. No: 03
Issue No: 04		Review Date: 26/10/2025
Issue Date: 27/10/2022		Product code: 4161

### PRODUCT PROPERTIES

C.A.S Number	114162-64-0
Chemical Formula	C <sub>20</sub> H <sub>26</sub> BrClN <sub>2</sub> O <sub>7</sub>
Formula weight	521.79
Functional Uses	A substrate for β-Glucuronidase that is converted by the enzyme into an intense blue precipitate. It is used for the detection of the Gus gene in bacterial colonies, e.g. Escherichia Coli, or for histochemical applications.
Standard Packaging	1 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline Powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	NLT -99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

