

3093 – X-GAL (5-BROMO-4-CHLORO-3-INDOLYL β –D -GALACTOPYRANOSIDE)

REF NO: TBL/QA/SS/LC/3093	STANDARD SPECIFICATION FOR X-GAL (5-BROMO-4- CHLORO-3-INDOLYL β -D GALACTOPYRANOSIDE)	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 3093

PRODUCT PROPERTIES

C.A.S Number	7240-90-6
Chemical Formula	C ₁₄ H ₁₅ BrClNO ₆
Formula weight	408.63
Functional Uses	X-Gal is used in molecular biology cloning applications in which it is used to detect the activity of β-galactosidase.
Standard Packaging	1 gm. & 100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color fine powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Assay	NLT – 98.0%

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

