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Certificate of Analysis

Product	45904 - 5-Bromo-4-Chloro-3-Indolyl-b-D-Galactopyranoside (X-Gal) for tissue culture, 98% - [7240-90-6]
Batch No	2804174
Analysis Date	30-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C ₁₄ H ₁₅ BrClNO ₆
Molecular Weight	408.61

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Off - white	White
Appearance (Form)	Crystalline Powder	Crystalline Powder
Solubility (Turbidity) 2% solution in DMF	Clear	Clear
Solubility (Colour) 2% solution in DMF	Colourless	Colourless
Assay (HPLC)	min. 98%	99.8%
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/45904 Rev No. 2 Date 07/05/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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