



SISCO  
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PVT. LTD.

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## Certificate of Analysis

**Product**

**10513 -  
5-Bromo-4-Chloro-3-Indolyl- $\beta$ -D-Galactopyranoside  
(X-Gal) for molecular biology, 98% - [7240-90-6]**

**Batch No**

**5704207**

**Analysis Date**

17-Aug-2023

**Date of Manufacture**

August 2023

**Expiry Date/Re-Test Date**

August 2028

**Molecular Formula**

C<sub>14</sub>H<sub>15</sub>BrClNO<sub>6</sub>

**Molecular Weight**

408.61

**Test Parameters**

**Standards**

**Actual Results**

Appearance (Colour)

White to Off-white

Off-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%

99.2%

FRM/82/11/4/10513 Rev No. 2 Date 07/05/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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