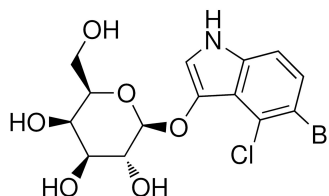


Certificate of Analysis

Product Name : 5-Bromo-4-chloro-3-indolyl β -D-galactopyranoside $\geq 98\%$, powder
Product Number : B4252-BULK
Batch Number : 0000420590
CAS Number : 7240-90-6
MDL Number : MFCD00005666
Storage Temperature : -20°C
Molecular Formula : C₁₄H₁₅BrClNO₆
Formula Weight : 408.63 g/mol
Recommended Retest Date : Jan 2028
Quality Release Date : 12 Mar 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow and Colorless to Faint Green-Yellow	Colorless
Solubility (Turbidity) 50 mg/ml, DMF:MeOH (1:1)	Clear	Clear
Carbon	40.3 - 42.0 %	41.1 %
Nitrogen	3.1 - 3.7 %	3.5 %
Purity (TLC)	$\geq 98\%$	99 %

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1211108

Page 1 of 1

