



## Certificate of Analysis

Product Name: Bluo-Gal; 5-Bromo-3-indoxyl-beta-D-galactopyranoside  
 CAT #: B-673  
 CAS #: 97753-82-7  
 LOT #: Lot Specific  
 Retest Date: Lot Specific  
 Storage: Store in the dark at -20°C.

TEST	SPECS	RESULT
Color:	White to off-white	White
Form:	Powder	Powder
Color of Solution: (4% in DMF)	Colorless	Colorless
Turbidity: (0.4% in DMF)	Max. 2.0 NTU	0.9 NTU
Water Content (K. Fischer):	Max. 0.5%	0.2%
Purity (HPLC):	Min. 99.0 area-%	99.8 area-%
Specific Optical Rotation [alpha] <sub>D</sub> : (c=1 in DMF/Water 1:1; 20°C)	-35.0 to - 32.0	-34.5
TLC: ((50 mg in 1 ml DMF and 9 ml propanol; butanol/water 86:14; UV 254 nm, sulfuric acid)	Corresponds to reference material	Corresponds
FT-IR Spectrum:	Corresponds to reference material	Corresponds

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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