



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

-CERTIFICATE OF ANALYSIS-

Name:	Isopropyl- β -D-thiogalactopyranoside (Dioxan free)
Product Code:	MB1008
Formula:	C ₉ H ₁₈ O ₅ S
CAS No:	367-93-1
Batch number:	419050
Appearance:	White crystalline powder
Purity:	99.78% by HPLC (on dry basis)
Melting Point:	111-114°C
pH (5% in water):	6.18
Specific Optical rotation: [α] _D ²⁰ (c=1 in H ₂ O)	-32.24°
Identity:	IR conforms to structure
Heavy metals (Pb):	<2ppm
Water Content:	0.38% by KF
1,4-Dioxane:	Not detected
Solubility:	Soluble in water and methanol