



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## -CERTIFICATE OF ANALYSIS-

Name:	Isopropyl-beta-D-thiogalactopyranoside (Dioxan free) >99%
Product Code:	MB1008
Formula:	C <sub>9</sub> H <sub>18</sub> O <sub>5</sub> S
CAS No:	367-93-1
Batch number:	456499
Appearance:	White crystalline powder
Purity:	99.8% by HPLC (on dry basis)
Melting Point:	111.0-112.0°C
pH (5% in water):	6.70
Specific Optical rotation: [α] <sub>D</sub> <sup>20</sup> (c=1 in H <sub>2</sub> O)	-32.5°
Identity:	IR conforms to structure
Heavy metals (Pb):	<5ppm
Water Content:	0.36% by KF
1,4-Dioxane:	Not detected
Solubility:	Soluble in water and methanol