



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Isopropyl-beta-D-thiogalactopyranoside_
Catalog Number: 102101_
Lot: 1043C_

Formula: C₉H₁₈O₅S

CAS #: 367-93-1

Physical Description: White Powder

Formula Weight: 238.3

Storage: -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 99%	99.8%
FTIR	Conforms to Standard	Conforms to Standard
pH (4% aq)	4.5-6.5	5.1
Melting Point	105-115°C	113 - 115°C
Optical Rotation (c=1, water)	-26 to -33°	-32.2°
Dioxane Content	For Information only	< 1ppm

Approved - 09/12/2000 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)