

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Isopropyl-beta-D-thiogalactopyranoside, molecular biology reagent

Catalog Number: 194029

Lot: 1404B

Formula: C₉H₁₈O₅S

CAS #: 367-93-1

Physical Description: White Crystalline Powder

Formula Weight: 238.3

Storage: -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥ 99%	100%
FTIR	Conforms to Standard	Conforms to Standard
pH (4% aq)	4.5-6.5	Passes
Melting Point	105-115°C	112 - 113°C
Optical Rotation (c=1, water)	-26 to -33°	Passes

05/11/2000 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)