



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

## Certificate of Analysis

**Product Description:** Isopropyl-beta-D-thiogalactopyranoside\_  
**Catalog Number:** 102101\_  
**Lot:** 1015C\_

**Formula:** C<sub>9</sub>H<sub>18</sub>O<sub>5</sub>S

**CAS #:** 367-93-1

**Physical Description:** white powder

**Formula Weight:** 238.3

**Storage:** -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (4% aq)	4.5-6.5	5.2
Melting Point	105-115°C	113 - 114°C
Optical Rotation (c=1, water)	-26 to -33°	-32.1°
Dioxane Content	For Information only	<1 ppm

Purity: (HPLC) 99.9%

Approved - 07/08/99 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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<mailto:biotech@mpbio.com>

<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)