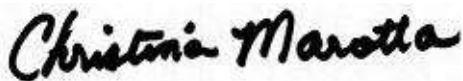


**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

**Product Description:** 2-Deoxy-D-galactose  
**Catalog Number:** 150800  
**Lot:** M8423**Formula:**  $C_6H_{12}O_5$   
**CAS #:** 1949-89-9  
**Physical Description:** Powder**Formula Weight:** 164.16  
**Storage:** +4°C

| Test  | Specification        | Result               |
|---|----------------------|----------------------|
| Identity Test                               | Passes               | Passes               |
| Melting Point                               | 109 - 119°C          | 109°C                |
| FTIR  | Conforms to Standard | Conforms to Standard |
| Optical Rotation<br>(c=4, H <sub>2</sub> O) | +54.8° to +66.3°     | +58.4 ± 0.2°         |

Purity (GC): 99.6%  
Purity (TLC): One Spot  
1H NMR: Conforms to Structure12/26/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical DirectorThis is an electronically generated document  
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