



## Product Specification

**Product Name:** D-Melezitose hydrate  
**Cat #:** M-106  
**CAS #:** 10030-67-8  
**Storage:** Store at room temperature.

| Test                                                                 | Specifications                    |
|----------------------------------------------------------------------|-----------------------------------|
| Color                                                                | white to off-white                |
| Form                                                                 | powder                            |
| Color of Solution<br>(10% in water)                                  | colorless                         |
| Turbidity<br>(1% in water)                                           | ≤4.0 NTU                          |
| Water Content (K. Fischer)                                           | 3.5 to 6.0%                       |
| Purity (HPLC)                                                        | ≥98.0 area-%                      |
| Specific Optical Rotation [α] <sub>D</sub><br>(c = 4 in water, 20°C) | 86.5 to 90.5                      |
| Sulfated Ash                                                         | ≤0.1%                             |
| Heavy Metals (Pb)<br>(color reaction with thioacetamide)             | ≤10 mg/kg                         |
| FT-IR Spectrum                                                       | corresponds to reference spectrum |

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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