

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

## Certificate of Analysis

**Product Description:** Dithioerythritol  
**Catalog Number:** 100598  
**Lot:** M8093

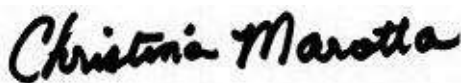
**Formula:** C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>  
**CAS #:** 6892-68-8  
**Physical Description:** White Powder

**Formula Weight:** 154.2  
**Storage:** +4°C, protect from light, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	100.3%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	80 - 90°C	84°C
UV/ VIS: OD283 (0.02 M aq soln)	≤0.04	0.012

Solubility (5% aq soln): Clear and Colorless

TLC: Single spot



11/05/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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