

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

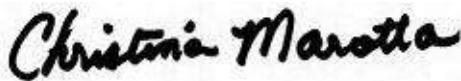
Product Description: Dithioerythritol
Catalog Number: 100598
Lot: M5472**Formula:** C₄H₁₀O₂S₂
CAS #: 6892-68-8
Physical Description: White Crystalline Powder**Formula Weight:** 154.2
Storage: +4°C, protect from light, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.5%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	80 - 90°C	85.2°C
UV/ VIS: OD283 (0.02M aq soln)	≤ 0.04	0.01

Solubility (10% aq soln): Clear, Colorless Solution

TLC: Single Spot, Conforms to Reference

Oxidized Product: 0.10%

11/26/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
mailto:biotech@mpbio.com
http://www.mpbio.comOnline 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)