

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Glutathione Reduced

Catalog Number: 101814

Lot: R17480

Formula: $C_{10}H_{17}N_3O_6S$

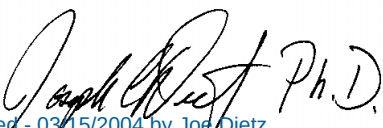
CAS #: 70-18-8

Physical Description: White Powder

Formula Weight: 307.3

Storage: +4°C, store under nitrogen

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Purity	$\geq 98\%$	99.5%
FTIR	Conforms to Standard	Conforms to Standard
Optical Rotation (c=2, water)	$-16^\circ \pm 5^\circ$	-11°
pH (3.5% aq soln)	Acidic	Acidic
Solubility (3.5% aq soln)	Clear, Colorless Solution	Passes


Approved - 03/15/2004 by Joe Dietz
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document

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<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)