



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Diaphorase_
Catalog Number: 150844_
Lot: 1269K_

Formula: N/A
CAS #: 9001-18-7
Physical Description: Yellow Powder

Formula Weight: N/A
Storage: -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	Porcine Heart	Porcine Heart
Specific Activity	~10 u/mg protein	31 u/mg protein
Activity (u/mg solid)	Record Result	6 u/mg solid
Protein Concentration (mg/mg solid)	Record Result	19%

Unit Definition: the amount of enzyme that reduces 1 μ mole of substrate (dithiooctanoate) per minute @ 30°C.

Form: Freeze-dried Powder in the presence of sucrose(approx.60%)

Solubility: Soluble in distilled water or dilute buffer

Stability: Stable at-20°C

08/01/2008 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
<mailto:biotech@mpbio.com>
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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)