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Certificate of Analysis

Product Description: Phosphoglucose Isomerase
Catalog Number: 100983
Lot: SR03219

Formula: N/A
CAS #: 9001-41-6
Physical Description: Milky Suspension

Formula Weight: N/A
Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	Baker's Yeast	Baker's Yeast
Activity	≥300 u/mg protein	520 u/mg
Activity (u/ml)	Record Results	1040 u/ml
Protein Concentration (mg/ml)	Record Results	2.0 mg/ml
Suspended in	For Information Only	3.2M Ammonium Sulfate solution, pH 6
Expiration Date	Month/Day/Year	09/23/2021

Unit Definition: One unit converts one micromole of fructose-6-phosphate to glucose-6-phosphate per minute at pH 7.4 and 25°C.

F6P-K: <0.01%

b-Fruktosidase: <0.1%

GR: <0.01%

PGluM: <0.01%

6-PGDH: <0.01%



09/25/2020 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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