

**MP Biomedicals, LLC**

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Pyrazinamide_

Catalog Number: 195473_

Lot: S8287_

Formula: C₅H₅N₃O

CAS #: 98-96-4

Physical Description: White Powder

Formula Weight: 123.1

Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.6%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	185 - 195°C	190.4°C

Solubility: Sparingly soluble in water. Slightly soluble in ethanol (96%) and in methylene chloride.

UV Absorbance: Absorption maximum at 268 nm is 640 to 680

Appearance of Solution: Clear and colorless

Acidity and Alkalinity: Conforms

Related Substances (HPLC):

- Impurity B: Not Detected

- Unspecified Impurities: 0.03%

- Total Impurities: 0.09%

Heavy Metals: <10 ppm

Water (KF): 0.03%

Sulfated Ash: 0.05%

Recommended Retest Date (MM/DD/YYYY): 02/12/2027

04/05/2022 - Lily Meng

MP Biomedicals, LLC.

QC Chemist

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<mailto:biotech@mpbio.com>

<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)