



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Uracil_
Catalog Number: 103204_
Lot: S2389_

Formula: C₄H₄N₂O₂
CAS #: 66-22-8
Physical Description: White Powder

Formula Weight: 112.09
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: □ max (water)	258 ± 2 nm	258.5 nm
OD250/OD260	0.82 - 0.88	0.86
OD280/OD260	0.0 - 0.2	0.16

Melting range: 310.0 - 311.0°C

Loss on drying: 0.1%

Residue on ignition: 0.05%

Heavy metals: not more than 10 ppm

Chloride: not more than 0.01%

Sulphate: not more than 0.04%

Purity: 99.9% (HPLC)

Recommended Retest Date (MM/DD/YYYY): 03/18/2022

08/29/2019 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

