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Certificate of Analysis

Product Description: 5-Fluorouracil
Catalog Number: 101722
Lot: S1247

Formula: C₄H₃FN₂O₂
CAS #: 51-21-8
Physical Description: White Crystalline Powder

Formula Weight: 130.08
Storage: 15 - 30°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.75%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	278 - 286°C	281.5 - 283.9°C

Loss on Drying: 0.1%
Residue on Ignition: 0.03%
Fluorine Content: 14.1%
Heavy Metals: Not more than 0.002%
Purity by UV: Conforms to standard
Recommended Retest Date: 03/19/2024



03/21/2019 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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http://www.mpbio.com

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