

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** 5-Fluorouracil  
**Catalog Number:** 101722  
**Lot:** S8524**Formula:** C<sub>4</sub>H<sub>3</sub>FN<sub>2</sub>O<sub>2</sub>  
**CAS #:** 51-21-8  
**Physical Description:** White 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	279.5°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 (MM/DD/YYYY):05/11/2025



05/13/2022 - Lily Meng  
MP Biomedicals, LLC.  
QC Chemist

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