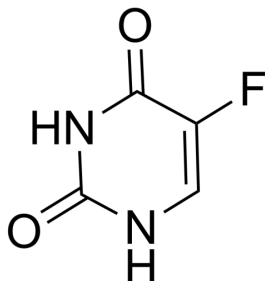


## Certificate of Analysis

**Product Name:** 5-Fluorouracil  
**Cat. No.:** CS-0993  
**CAS No.:** 51-21-8  
**Batch No.:** 253425  
**Chemical Name:** 2,4(1H,3H)-Pyrimidinedione, 5-fluoro-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>4</sub>H<sub>3</sub>FN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 130.08  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**Water(KF):** 0.18%  
**Residue on Ignition:** 0.01%  
**Elemental Analysis**  
**Theoretical:** C(36.93%), H(2.32%), N(21.54%)  
**Result:** C(37.23%), H(2.27%), N(21.50%)  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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