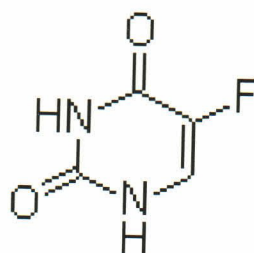


Fluorouracil USP36

Batch no FLU2025149
Mf date Jul 22 2025
Retest Jul 21 2028

Molecular Structure



Molecular Formula $C_4H_3FN_2O_2$
Molecular Weight 130.08
CAS Registry Number 51-21-8

Jul 14 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to practically white practically odorless crystalline powder	Conforms
Identification	IR, Chemical test	Positive
Loss on drying	UV ($\leq 3.0\%$)	0.11%
Residue on ignition	$\leq 0.5\%$	0.08%
Heavy metals	$\leq 0.1\%$	0.07%
Fluorine content	$\leq 0.002\%$	$< 0.002\%$
Assay (odb)	13.9 ~ 15.0%	14.38%
	98.0 ~ 102.0%	99.8%

Packaging & Storage	Great care should be taken to prevent inhaling particles of Fluorouracil and exposing the skin to it.
Conclusion	Material complies with USP36