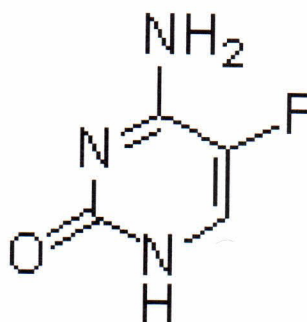


Flucytosine USP42

Batch no 20231101
Mf date Nov 01 2023
Retest date Oct 31 2026

Molecular Structure



Molecular Formula $C_4H_4FN_3O$
Molecular Weight 129.09
CAS Registry Number 2022-85-7

Feb 23 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or off white crystalline powder	White crystalline powder
Identification	UV, Test for Fluorouracil	Positive
Heavy metals	≤ 20 ppm	Conforms
Loss on drying (105°C, 4h)	$\leq 1.5\%$	0.09%
Residue on ignition	$\leq 0.1\%$	0.03%
Fluoride ions	≤ 500 ppm	Conforms
Fluorouracil	$\leq 0.1\%$	0.02%
Assay (odb)	98.5 ~ 101% of $C_4H_4FN_3O$	99.53%

Packaging and storage	Preserve in tight, light-resistant containers
Conclusion	Material complies with USP42