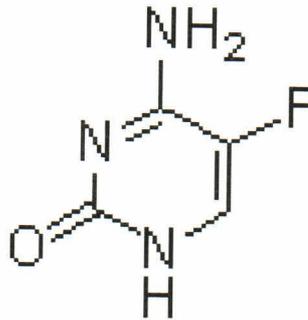




Flucytosine USP42

Batch no 20251214
Mf date Dec 20 2025
Retest date Dec 19 2028

Molecular Structure



Molecular Formula C₄H₄FN₃O
Molecular Weight 129.09
CAS Registry Number 2022-85-7

Jan 06 2026

<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)	≤ 1.5%	0.08%
Residue on ignition	≤ 0.1%	0.02%
Fluoride ions	≤ 500 ppm	< 100 ppm
Fluorouracil	≤ 0.1%	0.03%
Assay (odb)	98.5 ~ 101% of C ₄ H ₄ FN ₃ O	99.67%

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