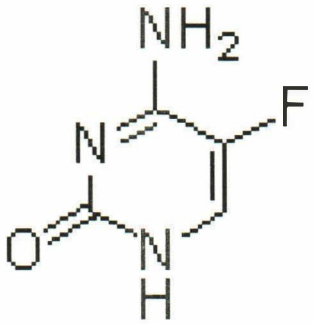
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Flucytosine USP42

Batch no 20260912
Mf date Sep 12 2026
Retest date Sep 11 2029

Molecular Structure



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

Oct 13 2026

Tests	Specifications	Results
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℃, 4h)	≤ 1.5%	0.06%
Residue on ignition	≤ 0.1%	0.03%
Fluoride ions	≤ 500 ppm	< 100 ppm
Fluorouracil	≤ 0.1%	0.02%
Assay (odb)	98.5 ~ 101% of $C_4H_4FN_3O$	99.82%

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

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