

CERTIFICATE OF ANALYSIS

(Certificate No. KMF011016-01)

Release Date: 04/03/2025

Re-test Date: 03/03/2028

5-Methoxyuracil

Identification

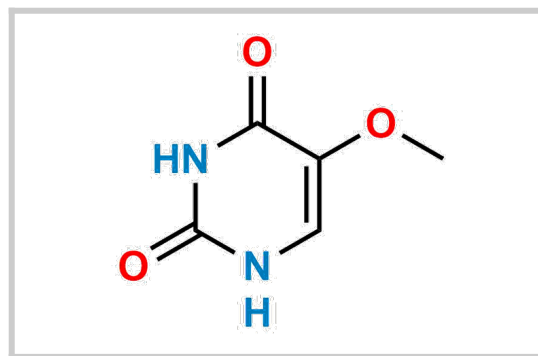
Chemical Name :
5-Methoxypyrimidine-2,4(1H,3H)-dione (5-methoxyuracil)

CAT No. : KMF011016

CAS No. : 6623-81-0

Molecular Formula : C₅H₆N₂O₃

Molecular Weight : 142.1



Analytical Information

Batch No. : F011016-091-242

Description : Off White Solid

HPLC Purity : 99.15 %

Weight Loss By TGA : 0.39 %

% Potency : 98.76 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.39(Weight Loss By TGA)] x [99.15(HPLC Purity)]/100 = 98.76 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 06/03/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 06/03/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA