CERTIFICATE OF ANALYSIS

(Certificate No. KMF011016-01)

Release Date: 04/03/2025 **Re-test Date:** 03/03/2028

5-Methoxyuracil

Identification

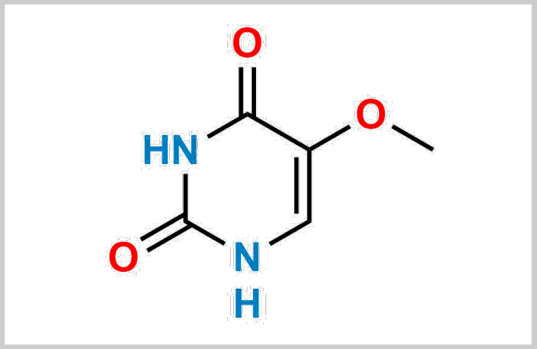
Chemical Name :
5-Methoxypyrimidine-2,4(1H,3H)-dione (5-methoxyuracil)

CAT No. : KMF011016

CAS No. : 6623-81-0

Molecular Formula : C5H6N2O3

Molecular Weight : 142.1



Analytical Information

Batch No.	: F011016-091-242	**Solubility**	: DMSO
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.15 %	**IR**	: Confirm
Weight Loss By TGA	: 0.39 %	**1H NMR**	: Confirm
% Potency	: 98.76 %		

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