

CERTIFICATE OF ANALYSIS

(Certificate No. KMA020009-01)

Release Date: 10/03/2025

Re-test Date: 09/03/2028

Hypoxanthine

Identification

Chemical Name :

1,7-dihydro-6H-purin-6-one (as per USP)

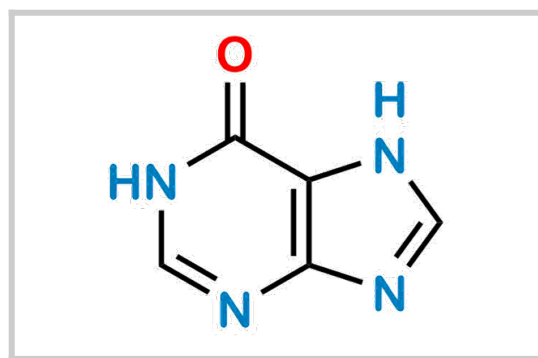
Alt. Name : Hypoxanthine (EP)

CAT No. : KMA020009

CAS No. : 68-94-0

Molecular Formula : C₅H₄N₄O

Molecular Weight : 136.1



Analytical Information

Batch No. : MER-HYP-011-171

Solubility : DMSO

Description : Off White Solid

Mass : Confirm

HPLC Purity : 99.91 %

IR : Confirm

Weight Loss By TGA : 0.14 %

¹H NMR : Confirm

% Potency : 99.77 %

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 - 0.14(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.77 %

-Re-tested on 10.03.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/03/2025

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