CERTIFICATE OF ANALYSIS

(Certificate No. KMA022004-01)

Release Date: 12/07/2024 **Re-test Date:** 11/07/2027

Allopurinol Impurity B

Identification

Chemical Name :
5-(Formylamino)-1H-pyrazole-4-carboxamide (as per EP & USP)

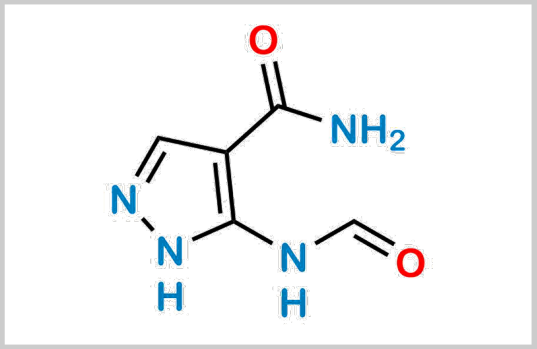
Alt. Name : Allopurinol USP Related Compound B

CAT No. : KMA022004

CAS No. : 22407-20-1

Molecular Formula : C5H6N4O2

Molecular Weight : 154.1



Analytical Information

Batch No.	: SL-KVS-319-002	**Solubility**	: Acetonitrile
Description	: Off White solid	**Mass**	: Confirm
HPLC Purity	: 99.29 %	**IR**	: Confirm
Weight Loss By TGA	: 1.84 %	**1H NMR**	: Confirm
% Potency	: 97.46 %		

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 - 1.84(Weight Loss By TGA)] x [99.29(HPLC Purity)]/100 = 97.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/01/2026

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