

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)

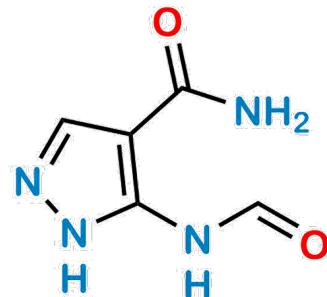
Alt. Name : Allopurinol USP Related Compound B

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