

# 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)

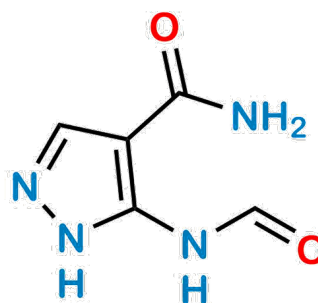
**Alt. Name** : Allopurinol USP Related Compound B

**CAT No.** : KMA022004

**CAS No.** : 22407-20-1

**Molecular Formula** : C<sub>5</sub>H<sub>6</sub>N<sub>4</sub>O<sub>2</sub>

**Molecular Weight** : 154.1



### Analytical Information

**Batch No.** : SL-KVS-319-002

**Description** : Off White solid

**HPLC Purity** : 99.29 %

**Weight Loss By TGA** : 1.84 %

**% Potency** : 97.46 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 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, <sup>1</sup>HNMR, IR and TGA