

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA022007-01)

Release Date: 27/08/2025

Re-test Date: 26/08/2028

## Allopurinol Related Compound E

### Identification

**Chemical Name :**

Ethyl 5-(formylamino)-1H-pyrazole-4-carboxylate (as per EP & USP)

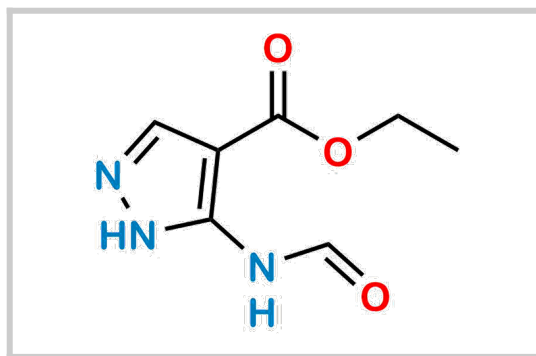
**Alt. Name** : Allopurinol USP Related Compound E

**CAT No.** : KMA022007

**CAS No.** : 31055-19-3

**Molecular Formula** : C7H9N3O3

**Molecular Weight** : 183.2



### Analytical Information

**Batch No.** : ALL-RC-E-019-030

**Description** : Off White Solid

**HPLC Purity** : 99.37 %

**Weight Loss By TGA** : 0.32 %

**% Potency** : 99.05 %

**Solubility** : Methanol

**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 - 0.32(Weight Loss By TGA)] x [99.37(HPLC Purity)]/100 = 99.05 %

-Re-tested on 27.08.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/08/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA