

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KME011018-01)

**Release Date:** 10/07/2025

**Re-test Date:** 09/07/2028

## **ELT-II (KSM-II)**

### **Identification**

**Chemical Name :**

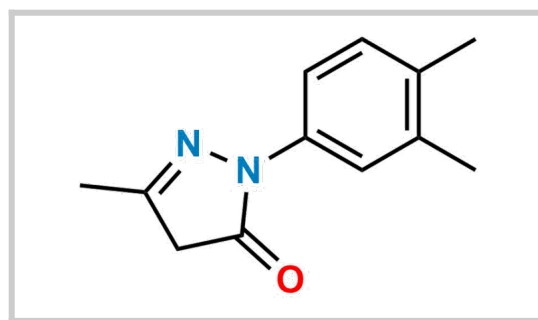
2-(3,4-Dimethylphenyl)-5-methyl-2,4-dihydro-3H-pyrazol-3-one

**CAT No.** : KME011018

**CAS No.** : 18048-64-1

**Molecular Formula** : C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O

**Molecular Weight** : 202.3



### **Analytical Information**

**Batch No.** : E011018-102-119

**Description** : Light Yellow Solid

**HPLC Purity** : 99.01 %

**Weight Loss By TGA** : 0.04 %

**% Potency** : 98.97 %

**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 - 0.04(Weight Loss By TGA)] x [99.01(HPLC Purity)]/100 = 98.97 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/07/2025

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