

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM053004-01)

**Release Date:** 29/01/2026

**Re-test Date:** 28/01/2029

## **Mefenamic Acid IPRS**

### **Identification**

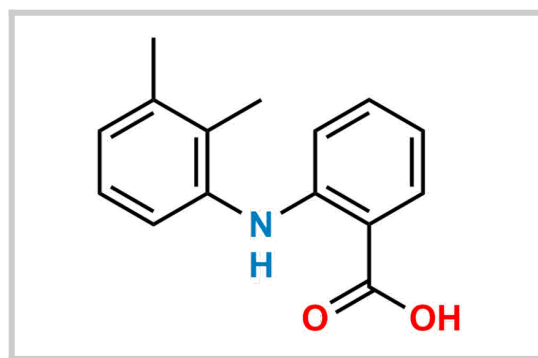
**Chemical Name :**  
2-(2,3-Dimethylanilino)benzoic acid

**CAT No.** : KMM053004

**CAS No.** : 61-68-7

**Molecular Formula** : C<sub>15</sub>H<sub>15</sub>NO<sub>2</sub>

**Molecular Weight** : 241.3



### **Analytical Information**

**Batch No.** : M053004-114-124

**Description** : White Solid

**HPLC Purity** : 99.97 %

**Weight Loss By TGA** : 0.20 %

**% Potency** : 99.77 %

**Solubility** : Methanol

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.20(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.77 %

**Recommendation** : Released

|                        | Department      | Name          | Signature | Date       |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By            | Analytical      | Jignesh Patel |           | 30/01/2026 |
| Reviewed & Approved By | Quality Control | Jatin Patel   |           | 30/01/2026 |

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA