

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM019017-01)

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

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

## **(3,4-diaminophenyl)(phenyl)methanone**

### **Identification**

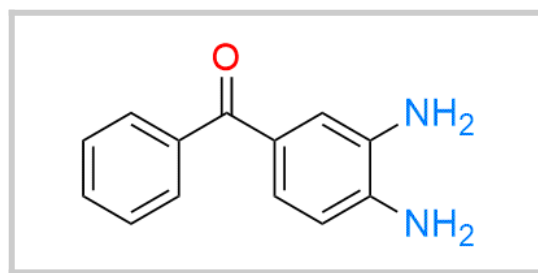
**Chemical Name :**  
(3,4-diaminophenyl)(phenyl)methanone

**CAT No.** : KMM019017

**CAS No.** : 39070-63-8

**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>N<sub>2</sub>O

**Molecular Weight** : 212.25



### **Analytical Information**

**Batch No.** : M019017-102-117

**Description** : Yellow Solid

**HPLC Purity** : 99.97 %

**Weight Loss By TGA** : 2.16 %

**% Potency** : 97.81 %

**Solubility** : Acetonitrile

**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 - 2.16(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 97.81 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/07/2025

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