

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP028001-01)

**Release Date:** 27/04/2024

**Re-test Date:** 26/04/2027

## **Benzoin Impurity**

### **Identification**

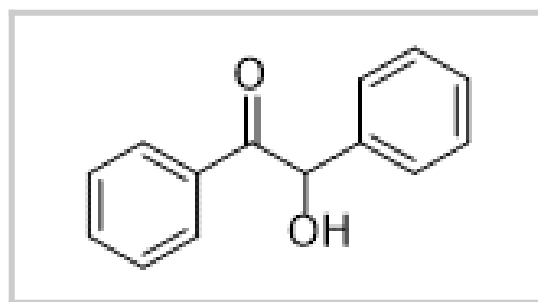
**Chemical Name :**  
2-hydroxy-1,2-diphenylethanone

**CAT No.** : KMP028001

**CAS No.** : 119-53-9

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

**Molecular Weight** : 212.24



### **Analytical Information**

**Batch No.** : OXA-BEN-011-096

**Description** : Off White Solid

**HPLC Purity** : 97.88 %

**Weight Loss By TGA** : 0.23 %

**% Potency** : 97.65 %

**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 - 0.23(Weight Loss By TGA)] x [97.88(HPLC Purity)]/100 = 97.65 %

-Re-tested on 27.04.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/04/2025

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