

CERTIFICATE OF ANALYSIS

(Certificate No. KMP028001-01)

Release Date: 26/04/2022

Re-test Date: 25/04/2025

BENZOIN IMPURITY OF PHENYTOIN

Identification

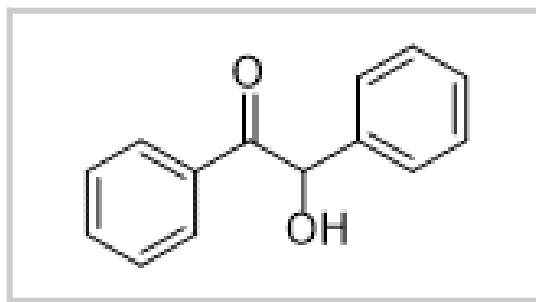
Chemical Name :
2-hydroxy-1,2-diphenylethanone

CAT No. : KMP028001

CAS No. : 119-53-9

Molecular Formula : C₁₄H₁₂O₂

Molecular Weight : 212.24



Analytical Information

Batch No. : OXA-BEN-011-096

Description : Off White Solid

HPLC Purity : 99.69 %

Weight Loss By TGA : 0.16 %

% Potency : 99.53 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H 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 - 0.16(Weight Loss By TGA)] x [99.69(HPLC Purity)]/100 = 99.53 %

Remarks : COA Re-generated on 16.07.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		16/07/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA