

CERTIFICATE OF ANALYSIS

(Certificate No. KMO040011-01)

Release Date: 11/08/2025

Re-test Date: 10/08/2028

2-Methylbenzophenone

Identification

Chemical Name :
(2-Methylphenyl)phenylmethanone (as per EP)

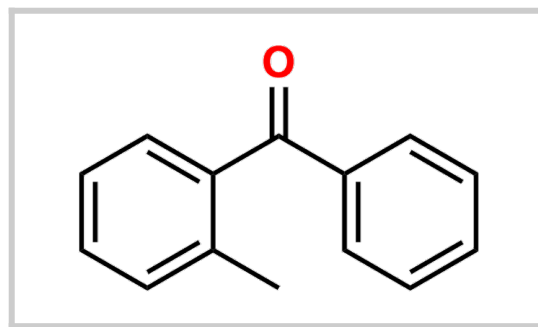
Alt. Name : Orphenadrine USP Related
Compound A ; 2-Methylbenzophenone

CAT No. : KMO040011

CAS No. : 131-58-8

Molecular Formula : C₁₄H₁₂O

Molecular Weight : 196.3



Analytical Information

Batch No. : O040011-102-204

Description : Colorless Liquid

HPLC Purity : 99.99 %

Weight Loss By TGA : 0.23 %

% Potency : 99.76 %

Solubility : Acetonitrile

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 - 0.23(Weight Loss By TGA)] x [99.99(HPLC Purity)]/100 = 99.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		11/08/2025

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