CERTIFICATE OF ANALYSIS

(Certificate No. KMO040011-01)

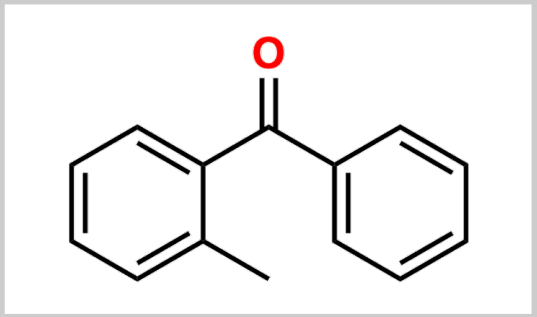
Release Date: 11/08/2025 **Re-test Date:** 10/08/2028

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	**Solubility**	: Acetonitrile
Description	: Colorless Liquid	**Mass**	: Confirm
HPLC Purity	: 99.99 %	**IR**	: Confirm
Weight Loss By TGA	: 0.23 %	**1H NMR**	: Confirm
% Potency	: 99.76 %		

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