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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Doxylamine EP Impurity D

Identification:

Chemical Name: phenyl(pyridin-2-yl)methanone

Synonyms : 2-Benzoylpyridine

CAS Number : 91-02-1

CAT Number : CP-D27004

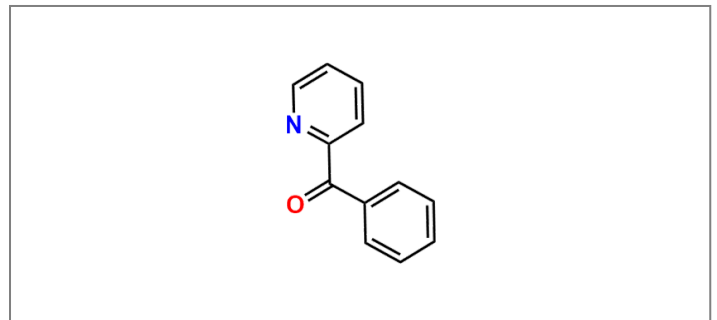
Molecular Formula : C₁₂H₉NO

Molecular Weight : 183.2

Batch Number : CP-DOX-D-0225

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.36 %
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.176 %
7)	Potency by TGA	99.18 %



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.