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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

Product Name: Diazepam EP Impurity A

Identification:

Chemical Name: 7-chloro-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one

Synonyms : Nordazepam (EP & USP)

CAS Number : 1088-11-5

CAT Number : CP-D18001

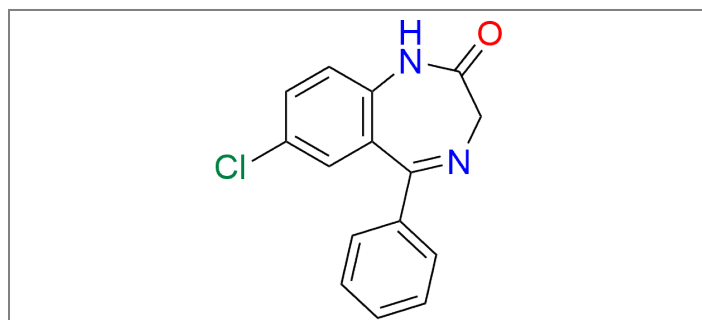
Molecular Formula : C₁₅H₁₁ClN₂O

Molecular Weight : 270.71

Batch Number : CHEM-DIA-A

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.14%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



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.