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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**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

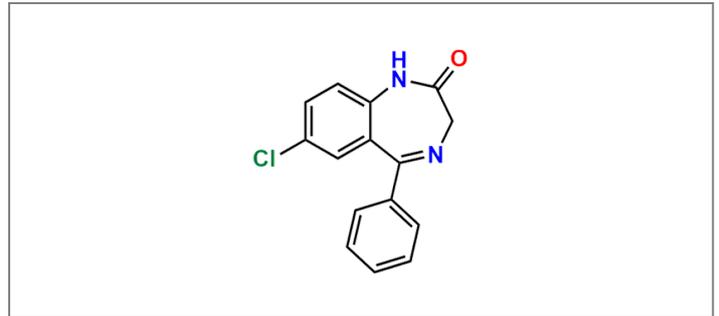
Molecular Formula : C<sub>15</sub>H<sub>11</sub>ClN<sub>2</sub>O

Molecular Weight : 270.71

Batch Number : CP-29-318

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure By Mass
4)	Purity by HPLC	92.26%
5)	<sup>1</sup> HNMR	NA



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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