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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

**Product Name: Clobazam EP Impurity A**

### Identification:

Chemical Name: 7-Chloro-5-phenyl-1,5-dihydro-3H-1,5-benzodiazepine-2,4-dione (as per EP)

Synonyms : Clobazam USP Related  
Compound A ; N-Desmethyl  
clobazam

CAS Number : 22316-55-8

CAT Number : CP-C28001

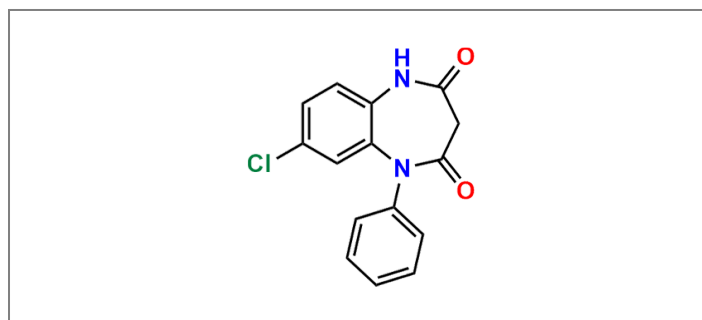
Molecular Formula : C<sub>15</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>

Molecular Weight : 286.71

Batch Number : CP-CLO-A-0624

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	Red to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.45%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.067%
8)	Potency by TGA	93.38%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

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