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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Chlordiazepoxide EP Impurity A**

### Identification:

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

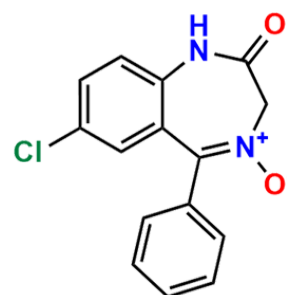
Synonyms : Chlordiazepoxide USP Related  
Compound A ; Demoxepam

CAS Number : 963-39-3

CAT Number : CP-C16001

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

Molecular Weight : 286.72



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.