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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

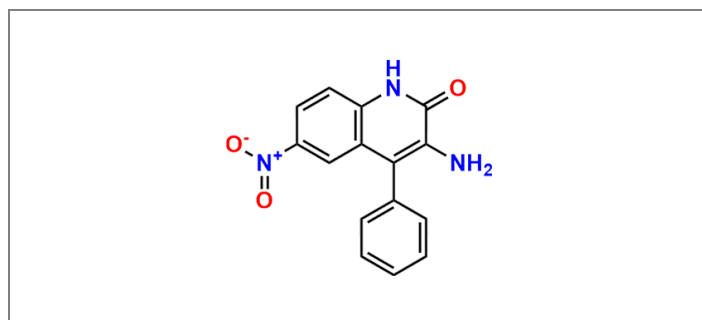
Re-test Date: Jan 2028

**Product Name: Nitrazepam EP Impurity A**

### Identification:

Chemical Name: 3-Amino-6-nitro-4-phenylquinolin-2(1H)-one (as per EP)

Synonyms : NA  
CAS Number : 36020-93-6  
CAT Number : CP-N96001  
Molecular Formula : C<sub>15</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>  
Molecular Weight : 281.27  
Batch Number : CP-NIT-A-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    | Yellow Solid             |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to Structure     |
| 4)      | Purity by HPLC | 99.71%                   |
| 5)      | H1NMR          | Confirm to Structure     |
| 6)      | 13CNMR         | Confirm to Structure     |
| 7)      | IR             | 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.