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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

**Product Name: Clonazepam EP Impurity A**

### Identification:

Chemical Name: (2-Amino-5-nitrophenyl)(2-chlorophenyl)methanone

Synonyms : Clonazepam USP Related  
Compound B

CAS Number : 2011-66-7

CAT Number : CP-C43001

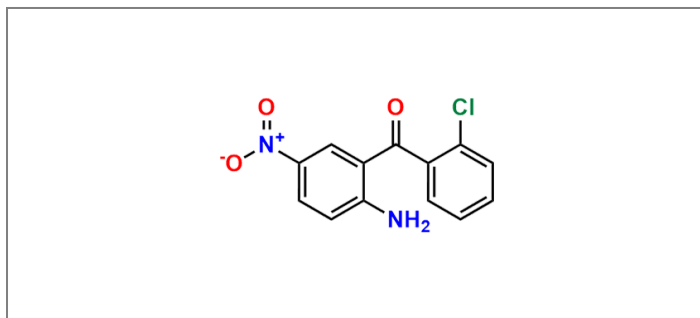
Molecular Formula : C<sub>13</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>3</sub>

Molecular Weight : 276.7

Batch Number : CP-CLO-A-0924

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 to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.83%
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.