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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

Product Name: Clonazepam EP Impurity B

Identification:

Chemical Name: 3-Amino-4-(2-chlorophenyl)-6-nitroquinolin-2(1H)-one

Synonyms : Clonazepam USP Related
Compound A

CAS Number : 55198-89-5

CAT Number : CP-C43002

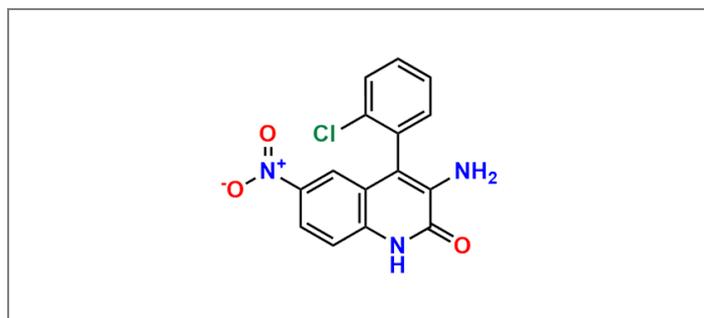
Molecular Formula : C₁₅H₁₀ClN₃O₃

Molecular Weight : 315.7

Batch Number : CP-CLO-B-1225

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	99.87%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.149%
9)	Potency by TGA	99.72%

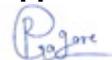


Prepared and Reviewed By



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.