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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

**Product Name: Midazolam EP Impurity J**

### Identification:

Chemical Name: 8-Chloro-6-(2-fluorophenyl)-1-methyl-3a,4,5,6-tetrahydro-3H-imidazo[1,5-a][1,4]benzodiazepine. (as per EP)

Synonyms : Reduced Reduced Midazolam (USP)

CAS Number : 59469-08-8

CAT Number : CP-M85009

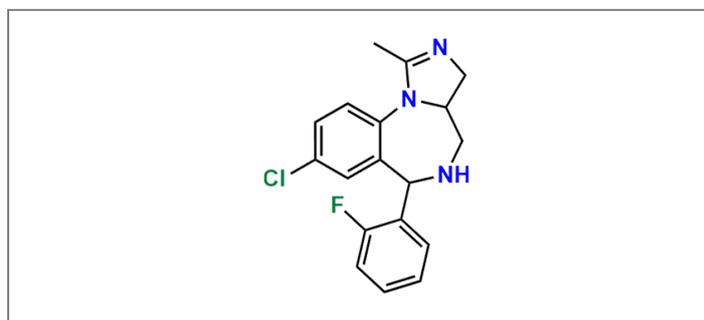
Molecular Formula : C<sub>18</sub>H<sub>17</sub>ClFN<sub>3</sub>

Molecular Weight : 329.8

Batch Number : CP-MID-J-0326

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	White Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.31%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**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.