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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Temazepam EP impurity A**

### Identification:

Chemical Name: [5-Chloro-2-(methylamino)phenyl]phenylmethanone (as per EP)

Synonyms : Temazepam USP Related  
Compound A

CAS Number : 1022-13-5

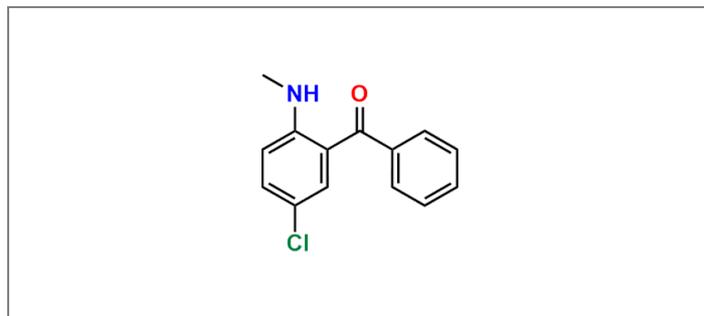
CAT Number : CP-T41001

Molecular Formula : C<sub>14</sub>H<sub>12</sub>ClNO

Molecular Weight : 245.7

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	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.