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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2024

Re-test Date: Oct 2027

**Product Name: Trazodone EP Impurity K**

### Identification:

Chemical Name: [1,2,4]triazolo[4,3-a]pyridin-3(2H)-one (as per EP & USP)

Synonyms : Triazolopyridinone (USP)

CAS Number : 6969-71-7

CAT Number : CP-T29011

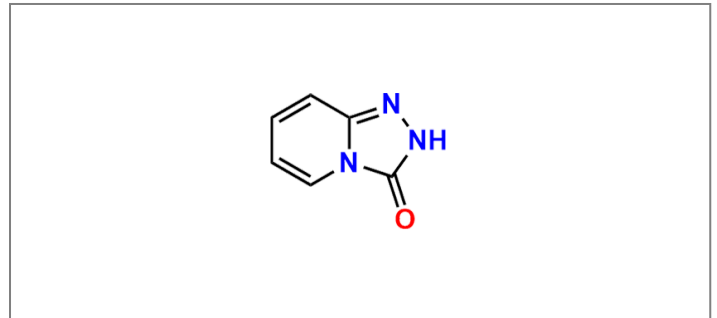
Molecular Formula : C<sub>6</sub>H<sub>5</sub>N<sub>3</sub>O

Molecular Weight : 135.13

Batch Number : CP-TRA-K-1124

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 Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.166%
8)	Potency by TGA	99.71%



**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.