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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2026

Product Name: Ciclopirox EP Impurity C

Identification:

Chemical Name: 6-Cyclohexyl-4-methylpyridin-2(1H)-one (as per EP)

Synonyms : Ciclopirox USP Related
Compound C ; N-Deshydroxy
Ciclopirox

CAS Number : 67587-24-0

CAT Number : CP-C128003

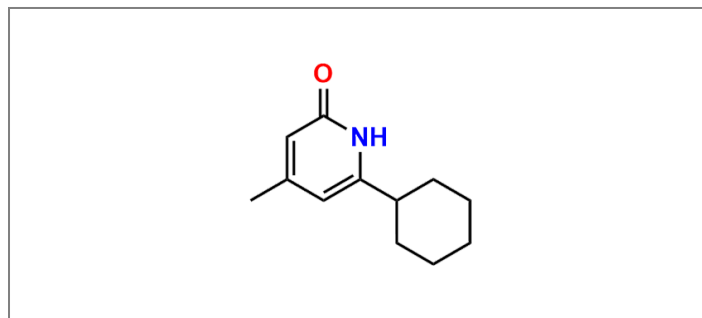
Molecular Formula : C₁₂H₁₇NO

Molecular Weight : 191.27

Batch Number : CP-CIC-C-0723

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.54%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.08%
8)	Potency by TGA	99.46%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.