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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Triamterene EP Impurity C

Identification:

Chemical Name: 2,4-diamino-6-phenylpteridin-7-ol

Synonyms : Triamterene USP Related
Compound C

CAS Number : 19152-93-3

CAT Number : CP-T178003

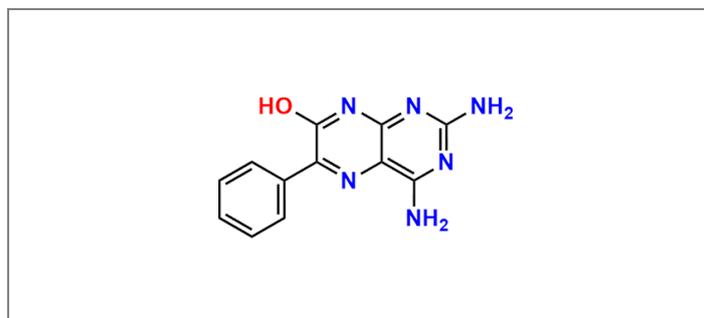
Molecular Formula : C₁₂H₁₀N₆O

Molecular Weight : 254.25

Batch Number : CP-TRI-RCC-1025

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	98.81%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.250%
9)	Potency by TGA	98.56%



Prepared and Reviewed By

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

Ms Priyanka Salunkhe
(Quality Control)

Approved By

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

Ms Rohini Gagare
(Quality Assurance)

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