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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2027

Product Name: Spironolactone EP Impurity G

Identification:

Chemical Name: S-[(2'R)-6β-Hydroxy-3,5'-dioxo-3',4'-dihydro-5'H-spiro[androst-4-ene-17,2'-furan]-7α-yl] ethanethioate (as per EP)

Synonyms : 6β-Hydroxy Spironolactone

CAS Number : 880106-10-5

CAT Number : CP-S10007

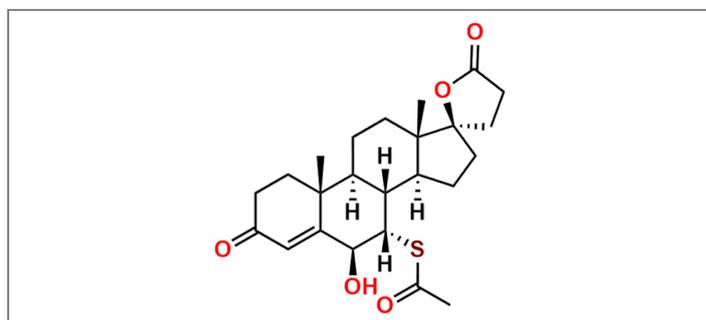
Molecular Formula : C₂₄H₃₂O₅S

Molecular Weight : 432.58

Batch Number : CP-SPI-G-0925

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	99.87%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.318%
9)	Potency by TGA	99.55%



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.