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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: Spironolactone EP Impurity B

Identification:

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

Synonyms : 4-Bromospironolactone

CAS Number : NA

CAT Number : CP-S10002

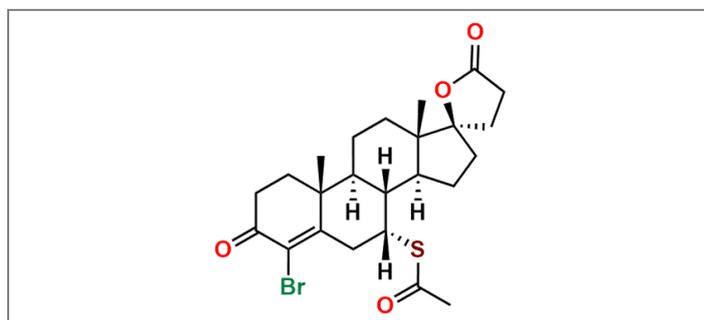
Molecular Formula : C₂₄H₃₁BrO₄S

Molecular Weight : 495.47

Batch Number : CP-SPI-B-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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.85%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



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.