

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2027

Product Name: Spironolactone EP Impurity D

Identification:

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

Synonyms : Spironolactone USP Related
Compound D ; Disulfanyl
Spironolactone

CAS Number : 3079028-52-4

CAT Number : CP-S10018

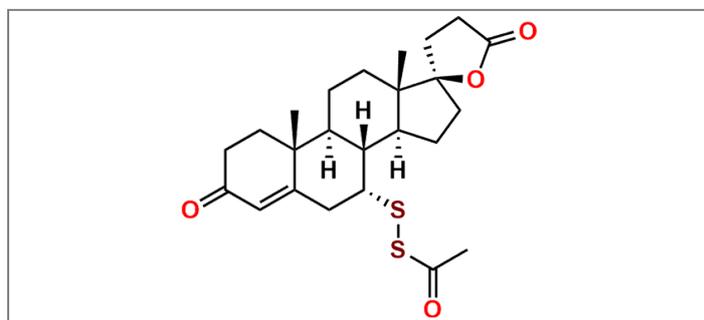
Molecular Formula : C₂₄H₃₂O₄S₂

Molecular Weight : 448.64

Batch Number : CP-SPI-D-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	97.09%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.296 %
9)	Potency by TGA	96.80%



Prepared and Reviewed By

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

Ms Priyanka Salunkhe
(Quality Control)

Approved By

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

Ms Rohini Gagare
(Quality Assurance)

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