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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Spironolactone EP Impurity A**

### Identification:

Chemical Name: S-[(2'R)-3,5'-Dioxo-5'H-spiro[androst-4-ene-17,2'-furan]-7 $\alpha$ -yl] ethanethioate (as per EP); (2'R)-7 $\alpha$ -(Acetylthio)-5'H-spiro[androst-4-ene-17,2'-furan]-3,5'-dione (as per USP)

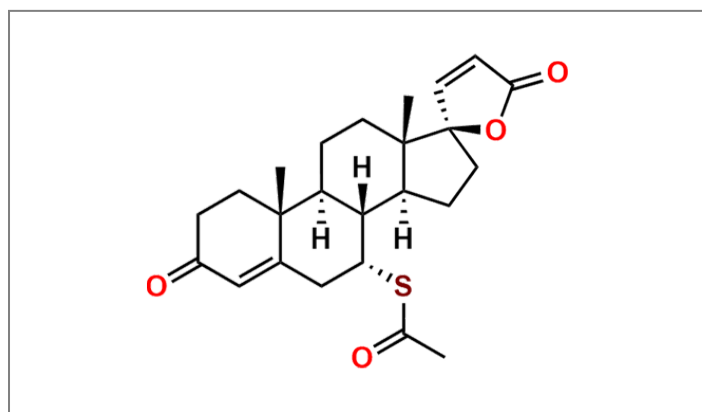
Synonyms : Spironolactone USP Related  
Compound B ;  $\Delta$ 20-  
Spironolactone

CAS Number : 132458-33-4

CAT Number : CP-S10001

Molecular Formula : C<sub>24</sub>H<sub>30</sub>O<sub>4</sub>S

Molecular Weight : 414.56



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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