

Certificate of Analysis

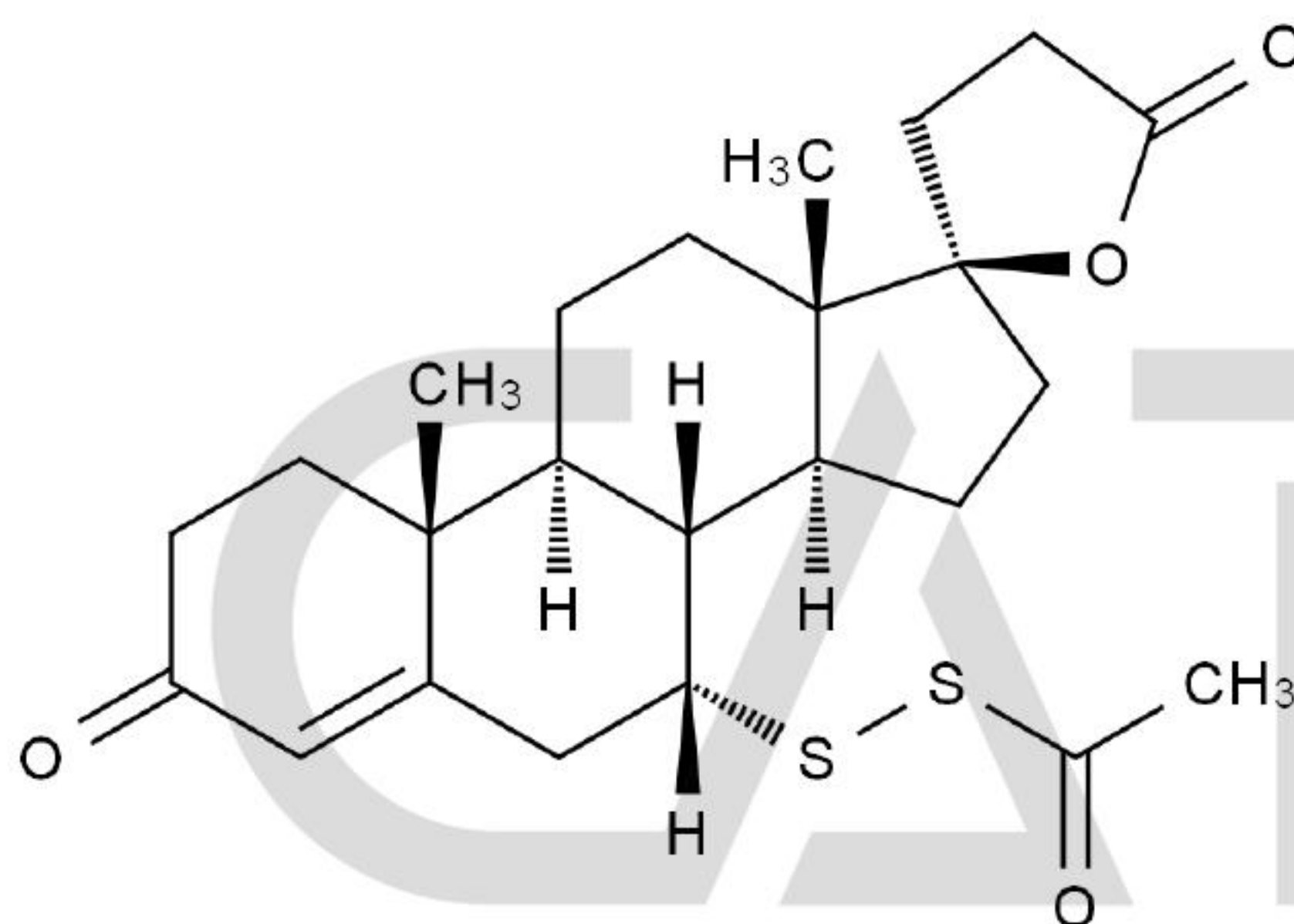
Reference Material & Standard

Product Name:	Spironolactone EP Impurity D	Catalogue Number:	C4X-13454
Synonyms:	N/A	Lot Number:	1024-RF-0028
CAS Number:	3079028-52-4	Expiry Date:	Jul 17, 2028
Molecular Formula:	C ₂₄ H ₃₂ O ₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	448.64	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.34%
Loss on Drying	TGA	0.3908%
Assay		96.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 25, 2024

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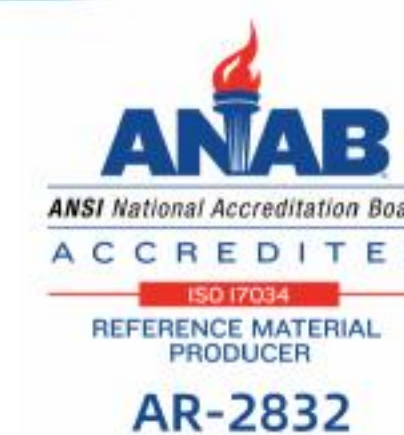
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