

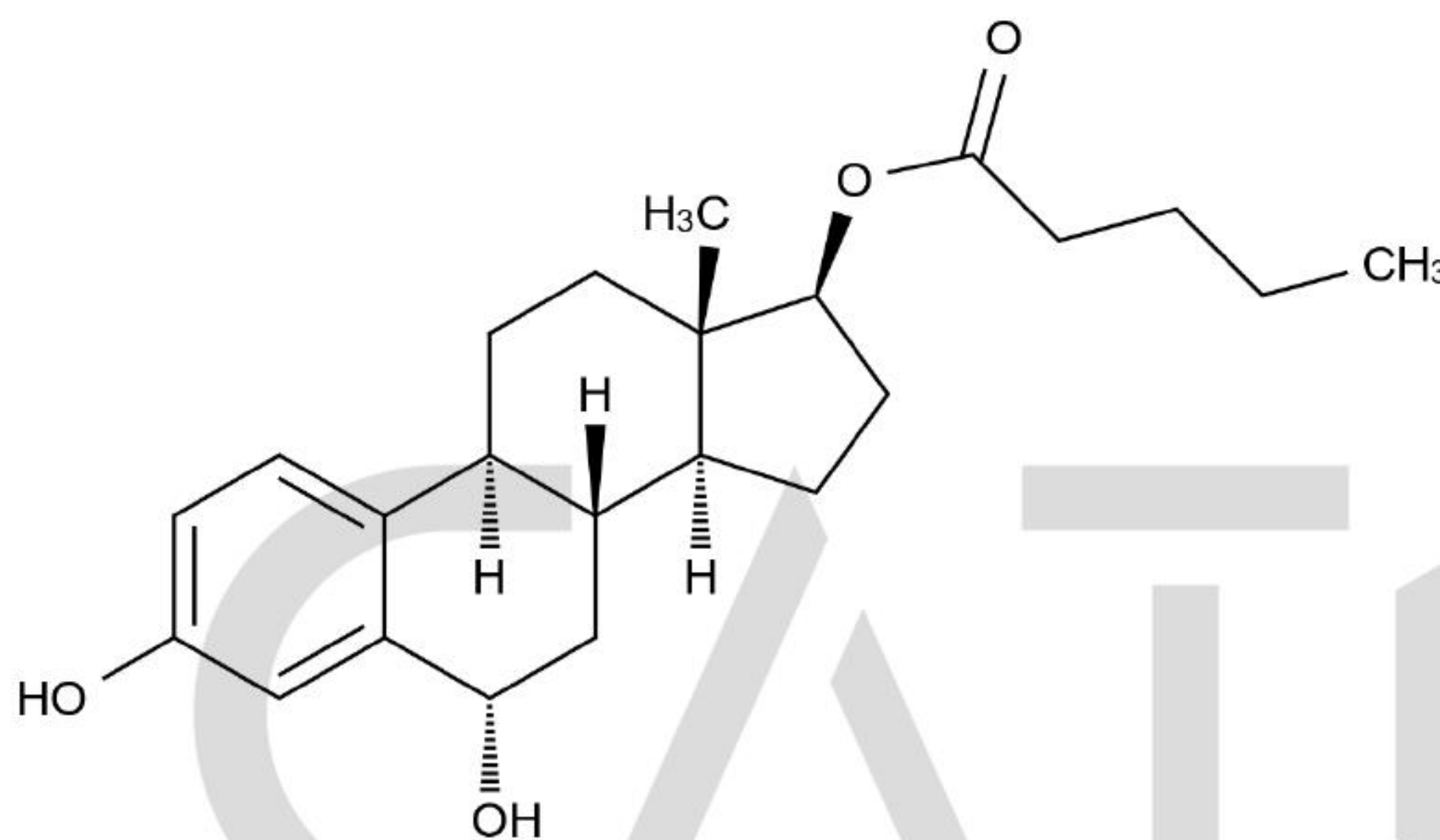
Certificate of Analysis

Reference Material & Standard

Product Name:	Estradiol Valerate EP Impurity	Catalogue Number:	C4X-28429
Synonyms:	N/A	Lot Number:	1202-RF-0067
CAS Number:	1313382-26-1	Expiry Date:	Sep 22, 2027
Molecular Formula:	C23H32O4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.50	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.930%
Water Content	Karl Fischer	4.16%
Residual Solvents	NMR	Not detected in NMR
Assay		95.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 02, 2024

Date: Dec 03, 2024

Date: Dec 03, 2024

