

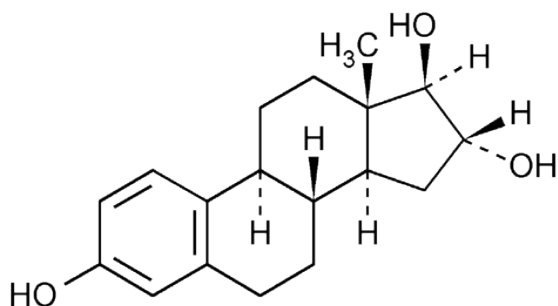
# Certificate

## ESTRIOL

*(Estra-1,3,5(10)-triene-3,16,17-triol, (16 $\alpha$ ,17 $\beta$ )-)*

USP Catalog No.: 1254508

USP Lot No.: R007R0



CAS No.: 50-27-1

Molecular Formula: C<sub>18</sub>H<sub>24</sub>O<sub>3</sub>

Molecular Weight: 288.38

**LABEL TEXT**

For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use at  
[www.usp.org/sds](http://www.usp.org/sds).



**USP REFERENCE STANDARD**

**ESTRIOL 100 mg**



Danger! May cause cancer. May damage fertility or the unborn child.

Do not dry. For quantitative applications, use 0.998 mg of estriol per mg of material for spectrophotometric application, and 0.99 mg of estriol per mg of material for thin layer chromatographic application on the as is basis. Keep container tightly closed. Protect from light.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
CAT No. 1254508 Material mfd. in China

*Jeri L. Joth*  
Quality Assurance

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**Non-Monograph Use**

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

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