



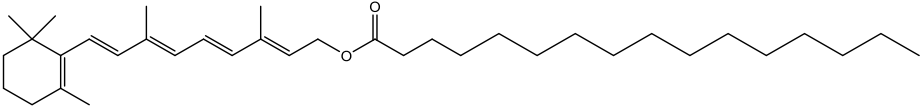
Certificate

RETINYL PALMITATE

(((2*E*,4*E*,6*E*,8*E*)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohex-1-en-1-yl)nona-2,4,6,8-tetraen-1-yl] hexadecanoate)

USP Catalog No.: 1602502

USP Lot No.: R090Q0

	CAS No.	79-81-2
	Molecular Formula	C ₃₆ H ₆₀ O ₂
	Molecular Weight	524.86



LABEL TEXT

USP REFERENCE STANDARD

RETINYL PALMITATE 4 x 50 mg

For use with specified USP compendial tests. Not for use as a drug.
See SDS prior to use at www.usp.org/sds.



Each ampule contains retinyl palmitate stabilized with butylated hydroxytoluene. For quantitative applications, use value of 0.929 mg of retinyl palmitate per mg of material on the as is basis consisting of approximately 98% all-*trans* retinyl palmitate and 2% *cis*-retinyl palmitate. Discard the unused portion after opening. Store in a refrigerator. Protect from light.

Danger! Causes skin irritation. May damage fertility or the unborn child.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

See certificate for any additional information.

KEEP AMPULE IN SECONDARY CONTAINER!

LOT: R090Q0

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1602502 Material mfd. in Germany



USP REFERENCE STANDARD

RETINYL PALMITATE 50 mg

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at www.usp.org/sds.



Danger! See outer package label for full hazard information.

Each ampule contains retinyl palmitate stabilized with butylated hydroxytoluene. See outer package for full hazard and content information. Discard the unused portion after opening. Store in a refrigerator. Protect from light.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1602502 Lot: R090Q0
Material mfd. in Germany

Jeri L. Joth

Quality Assurance

**Assigned Value**

Please refer to the USP Reference Standard label for the assigned value of the specific lot. If the lot was developed for qualitative use, it will not have an assigned value.

Valid Use Date

It is the responsibility of the user to ascertain that a particular lot of a USP Reference Standard has official status either as a "Current lot" or as a "Previous lot" within the assigned valid use date. The online USP Reference Standards Catalog and the online USP Store at www.usp.org are updated daily. USP recommends referring to one of these sources prior to using a USP Reference Standard to make sure the lot is valid for use.

Storage

Storage conditions are lot-specific and may change from one lot to another. If no specific directions or limitations are provided on the USP Reference Standard label, the conditions of storage shall include storage at room temperature and protection from moisture, light, freezing, and excessive heat.

Instructions for Use

Follow the instructions provided on this Certificate, on the label of the USP Reference Standard, and in the associated USP documentary standard(s). Please refer to General Chapter <11> for additional information.

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