

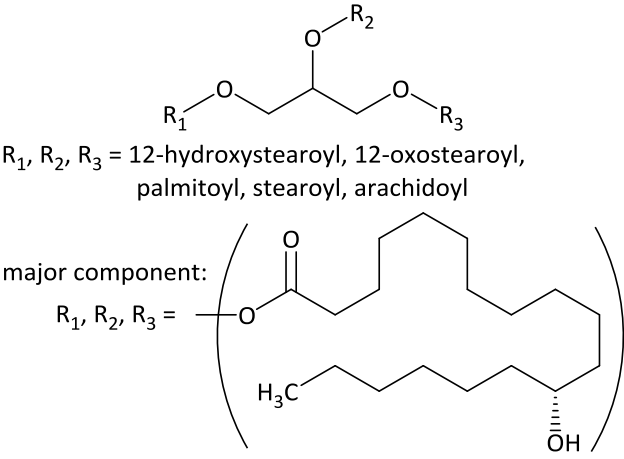
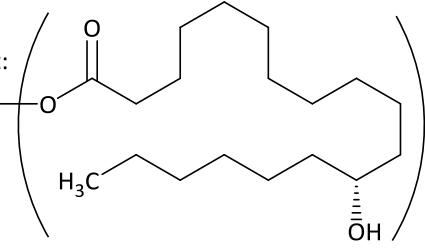
# Certificate

## HYDROGENATED CASTOR OIL

(Mixture containing about 83% triglyceride of 12-hydroxystearic acid)

USP Catalog No.: 1096837

USP Lot No.: F04490

 <p><math>R_1, R_2, R_3 = 12\text{-hydroxystearoyl, 12-oxostearoyl, palmitoyl, stearoyl, arachidoyl}</math></p> <p>major component:</p> <p><math>R_1, R_2, R_3 =</math> </p>	CAS No.: 8001-78-3
	Molecular Formula: N/A
	Molecular Weight: N/A

**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**

**HYDROGENATED CASTOR OIL 250 mg**

(Mixture containing about 83% triglyceride of 12-hydroxystearic acid)

Do not dry. Keep container tightly closed. Protect from light.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1096837 Material mfd. in Germany

LOT: F04490



*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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