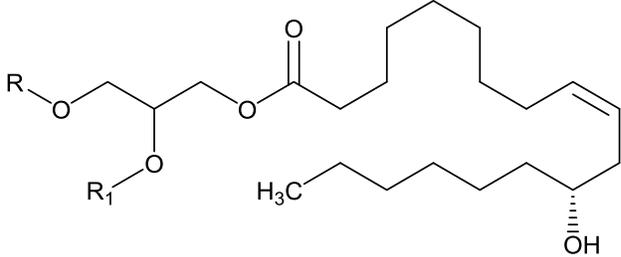


Certificate

CASTOR OIL

(Mixture containing about 92% of Triricinolein)

USP Catalog No.: 1096826
 USP Lot No.: F04450

 <p>R, R₁ = ricinoleoyl, linoleoyl, oleoyl, palmitoyl, stearoyl.</p> <p>Major component: R and R₁ = ricinoleoyl</p>	<p>CAS No.: 8001-79-4 2540-54-7[†]</p>
	<p>Molecular Formula[†]: C₅₇H₁₀₄O₉</p>
	<p>Molecular Weight[†]: 933.43</p>
<p>† : major component</p>	

LABEL TEXT

USP REFERENCE STANDARD

CASTOR OIL 3 x 100 mg



(Mixture containing about 92% of Triricinolein)

Warning!
Causes serious eye irritation.

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

Wash thoroughly after handling. Wear eye/face protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

KEEP AMPULES IN SECONDARY CONTAINER!

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
Cat. No. 1096826 Material mfd. in United States

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

LOT: F04450


USP REFERENCE STANDARD

CASTOR OIL 100 mg

(Mixture containing about 92% of Triricinolein)



Warning! See outer package label for full hazard information.

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

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
CAT. NO. 1096826 Lot: F04450
Material mfd. in United States

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

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.

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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