



# Certificate

## CORN OIL

(Maize oil)

USP Catalog No.: 1148806

USP Lot No.: R073J0

Corn Oil is a mixture of acyltriglycerides consisting of saturated, <i>cis</i> -mono-unsaturated, and <i>cis</i> -polyunsaturated fatty acids. (See details below)	CAS No.: 8001-30-7
	Molecular Formula: N/A - Oil Mixture
	Molecular Weight: N/A -Oil Mixture

### Major Fatty Acids components in Corn Oil

Only compendial components as listed in the monograph are shown below

(1)	
(2)	
(3)	
(4)	
(5)	

Item	Name/Chemical name	CAS	Molecular Weight	Molecular Formula
1	Palmitic Acid	57-10-3	256.42	C <sub>16</sub> H <sub>32</sub> O <sub>2</sub>
2	Stearic Acid	57-11-4	284.48	C <sub>18</sub> H <sub>36</sub> O <sub>2</sub>
3	Oleic Acid	112-80-1	282.46	C <sub>18</sub> H <sub>34</sub> O <sub>2</sub>
4	Linoleic Acid	60-33-3	280.45	C <sub>18</sub> H <sub>32</sub> O <sub>2</sub>
5	Alpha Linolenic Acid	463-40-1	278.43	C <sub>18</sub> H <sub>30</sub> O <sub>2</sub>



**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.



**CORN OIL 5 x 200 mg**

Labeled for qualitative use. Air  
and light sensitive.

USP, 12601 Twinbrook Pkwy,  
Rockville, MD, +1-301-881-0666  
Cat. No. 1148806 Material mfd. in United States

LOT: R073J0



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Not for use as a drug. See SDS prior to use  
at www.usp.org/sds.



**CORN OIL 200 mg**

Labeled for qualitative use. Air and  
light sensitive.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666  
Cat. No. 1148806 Lot: R073J0  
Material mfd. in United States

*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](http://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.

**Non-USP Compendial Use**

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