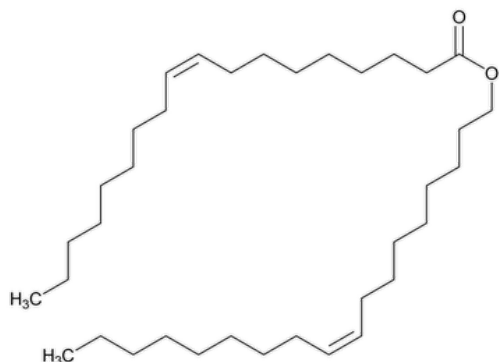


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Oleyl Oleate

Change to read:



$C_{36}H_{68}O_2$ ▲532.94▲ (ERR 1-Jan-2019)

9-Octadecenoic acid, (Z)-, oleyl ester;

Oleyl oleate CAS RN®: 3687-45-4.

DEFINITION

Oleyl Oleate consists of esters of oleyl alcohol and high molecular weight fatty acids, principally oleic acid.

IDENTIFICATION

Change to read:

- A. ▲[SPECTROSCOPIC IDENTIFICATION TESTS \(197\)](#), [Infrared Spectroscopy: 197F](#)▲ (CN 1-MAY-2020)

IMPURITIES

- [RESIDUE ON IGNITION \(281\)](#).

Sample: 2 g

Acceptance criteria: NMT 0.1%

- [ARSENIC, Method II \(211\)](#): 2 µg/g

SPECIFIC TESTS

- **CLARITY OF SOLUTION**

Sample solution: 200 mg/mL in ether

Acceptance criteria: The resulting solution is clear.

- [SPECIFIC GRAVITY \(841\)](#): 0.860–0.884 at 20°
- [FATS AND FIXED OILS, Acid Value \(401\)](#): NMT 3.0
- [FATS AND FIXED OILS, Hydroxyl Value \(401\)](#): NMT 10
- [FATS AND FIXED OILS, Iodine Value \(401\)](#): 70–120
- [FATS AND FIXED OILS, Saponification Value \(401\)](#): 90–125
- [REFRACTIVE INDEX \(831\)](#): 1.464–1.468 at 20°

ADDITIONAL REQUIREMENTS

- **PACKAGING AND STORAGE:** Preserve in tight containers. No storage conditions specified.

- [USP REFERENCE STANDARDS \(11\)](#)
[USP Oleyl Oleate RS](#)

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
OLEYL OLEATE	Documentary Standards Support	CE2020 Complex Excipients
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	CE2020 Complex Excipients

Chromatographic Database Information: [Chromatographic Database](#)

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