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Mineral Oil Emulsion

DEFINITION

Prepare Mineral Oil Emulsion as follows.

| | |
|---|---------|
| Mineral Oil | 500 mL |
| Acacia, in very fine powder | 125 g |
| Syrup | 100 mL |
| Vanillin | 40 mg |
| Alcohol | 60 mL |
| Purified Water, a sufficient quantity to make | 1000 mL |

Mix the *Mineral Oil* with the *Acacia* in a dry mortar. Add 250 mL of *Purified Water* all at once, and emulsify the mixture. Add, in divided portions, triturating after each addition, a mixture of the *Syrup*, 50 mL of *Purified Water*, and *Vanillin* dissolved in *Alcohol*. Add *Purified Water* to bring the preparation to final volume, and mix.

The *Vanillin* may be replaced by NMT 1% of any other official flavoring substance or any mixture of official flavoring substances. *Alcohol* may be replaced with 60 mL of sweet orange peel tincture or 2 g of benzoic acid as a preservative.

SPECIFIC TESTS

- [ALCOHOL DETERMINATION, Method I \(611\)](#): 4.0%–6.0% of C_2H_5OH

ADDITIONAL REQUIREMENTS

- **PACKAGING AND STORAGE:** Package in tight containers.

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

| Topic/Question | Contact | Expert Committee |
|----------------------------|---|--------------------------|
| MINERAL OIL EMULSION | Brian Serumaga Science Program Manager | CMP2020 Compounding 2020 |
| REFERENCE STANDARD SUPPORT | RS Technical Services RSTECH@usp.org | CMP2020 Compounding 2020 |

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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