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Rose Oil

DEFINITION

Rose Oil is volatile oil distilled with steam from the fresh flowers of *Rosa gallica* L., *Rosa damascena* Miller, *Rosa alba* L., *Rosa centifolia* L., and varieties of these species (Fam. Rosaceae).

SPECIFIC TESTS

- [SPECIFIC GRAVITY \(841\)](#)
Analysis: Measure at 30° compared with water at 15°.
Acceptance criteria: 0.848–0.863
- [OPTICAL ROTATION, Angular Rotation\(781A\)](#): –1° to –4°
- [REFRACTIVE INDEX \(831\)](#): 1.457–1.463 at 30°
- **SOLUBILITY TEST**
Analysis: 1 mL is miscible with 1 mL of chloroform without turbidity. Add 20 mL of 90% alcohol to this mixture.
Acceptance criteria: The resulting liquid is neutral or acid to moistened litmus paper and, upon standing at 20°, deposits crystals within 5 min.

ADDITIONAL REQUIREMENTS

- **PACKAGING AND STORAGE:** Preserve in well-filled, tight containers.

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

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

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
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