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Diacetylated Monoglycerides

DEFINITION

Diacetylated Monoglycerides is glycerin esterified with edible fat-forming fatty acids and acetic acid. It may be prepared by the interesterification of edible oils with triacetin in the presence of catalytic agents, followed by molecular distillation, or by the direct acetylation of edible monoglycerides with acetic anhydride without the use of catalyst or molecular distillation.

IDENTIFICATION

Change to read:

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

Sample: Undried specimen

Acceptance criteria: Meet the requirements

IMPURITIES

- [RESIDUE ON IGNITION \(281\)](#): NMT 0.1%

SPECIFIC TESTS

- [FATS AND FIXED OILS, Acid Value \(401\)](#): NMT 3
- [FATS AND FIXED OILS, Hydroxyl Value \(401\)](#): NMT 15
- [FATS AND FIXED OILS, Saponification Value \(401\)](#): 365–395

ADDITIONAL REQUIREMENTS

- PACKAGING AND STORAGE:** Preserve in tight, light-resistant containers.
- [USP REFERENCE STANDARDS \(11\)](#)
[USP Diacetylated Monoglycerides RS](#)

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

Topic/Question	Contact	Expert Committee
DIACETYLATED MONOGLYCERIDES	Documentary Standards Support	CE2020 Complex Excipients

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
Pharmacopeial Forum: Volume No. Information currently unavailable

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