



## 1. Identification

**Catalogue Number**

D304605

**Lot Number**

10-RAJ-188-1

**Product Name**

1,2-Diacetin (~90%)

**Synonyms**

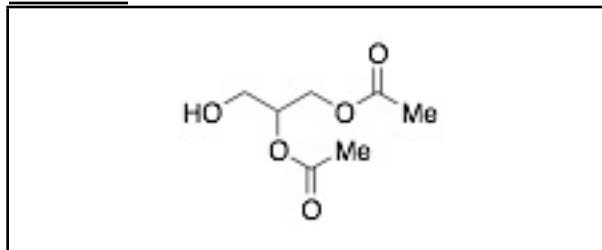
(Hydroxymethyl)ethylene Acetate; 1,2-Diacetyl glycerol; 2,3-Diacetin; 2,3-Diacetoxypentan-1-ol; Glycerol 1,2-Diacetate; NSC 2348

**CAS Number**

102-62-5

**Solubility**

Chloroform (Slightly), DMSO (Slightly), Ethyl Acetate (Slightly)

**Structure****Molecular Formula** $C_7H_{12}O_5$ **Source of Product**

Synthetic

**Long Term Storage Conditions**

-20°C, Hygroscopic

**Molecular Weight**

176.17

**Purity**

~90%

## 2. Warnings

Hygroscopic, Temperature Sensitive

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

Colourless Oil

**Results**

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 46.53, %H: 6.98

MS

Conforms to Structure

Conforms

**Additional Information**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

**Reviewed by**

Meenakshi Sharma

Product Quality Specialist

**Reviewed by**

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

Christina Gouliaras

Quality Assurance Associate

**Test Date**

8/9/2023

**Retest Date**

8/7/2027