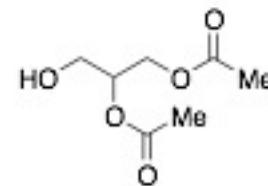


**CERTIFICATE OF ANALYSIS****1. Identification**

Catalogue Number D304605      Lot Number 10-RAJ-188-1

Product Name  
1,2-Diacetin (~90%)

StructureSynonyms

(Hydroxymethyl)ethylene Acetate; 1,2-Diacetylglycerol; 2,3-Diacetin; 2,3-Diacetoxypopropan-1-ol; Glycerol 1,2-Diacetate; NSC 2348

CAS Number

102-62-5

Solubility

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

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular FormulaC<sub>7</sub>H<sub>12</sub>O<sub>5</sub>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**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless Oil	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**

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/9/2023	8/7/2027

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