



## CERTIFICATE OF ANALYSIS

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### 1. Identification

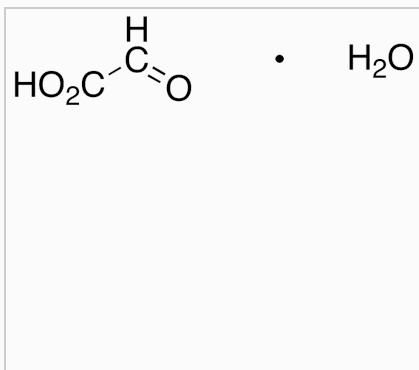
**Catalogue Number:** G755000

**CAS Number:** 563-96-2

**Product:** Glyoxylic Acid Monohydrate

**Synonym:** 2-Oxoacetic Acid Monohydrate; Glyoxalic Acid Monohydrate; Formylformic Acid Monohydrate; NSC 27785 Monohydrate; Oxalaldehydic Acid Monohydrate; Oxoacetic Acid Monohydrate; Oxoethanoic Acid Monohydrate; α-Ketoacetic Acid Monohydrate;

**Structure:**



**Molecular Formula:**

C<sub>2</sub>H<sub>4</sub>O<sub>4</sub>

**Molecular weight:**

92.05

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 17-GHZ-188-1

**Purity:** 95%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	19.8% by Karl Fischer

**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 ± 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Christina Gouliaras	7/4/2022	7/2/2026