



CERTIFICATE OF ANALYSIS

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1. Identification

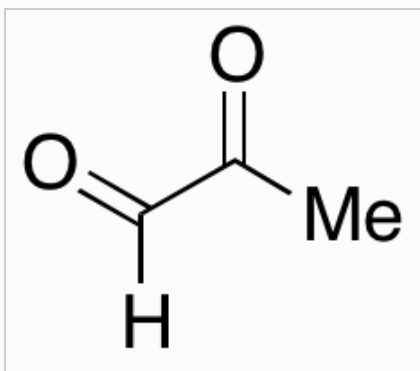
Catalogue Number: P998870

CAS Number: 78-98-8

Product: Pyruvaldehyde (35% w/w aqueous)

Synonym: 2-Ketopropionaldehyde; 2-Oxopropanal; 2-Oxopropionaldehyde; Acetylformaldehyde; Acetylformyl; Methylglyoxal; NSC 626580; NSC 79019; Pyroracemic Aldehyde; Pyruvic Aldehyde; α -Ketopropionaldehyde

Structure:



Molecular Formula:

C₃H₄O₂

Molecular weight:

72.06

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Soluble)

Lot Number: 3-OBI-36-1

Purity: >35% w/w

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	Colourless to Yellow Solution	Clear Light Yellow to Yellow Solution
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	50.5% 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 $\pm 2\%$. 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Christina Gouliaras	8/22/2022	8/20/2026