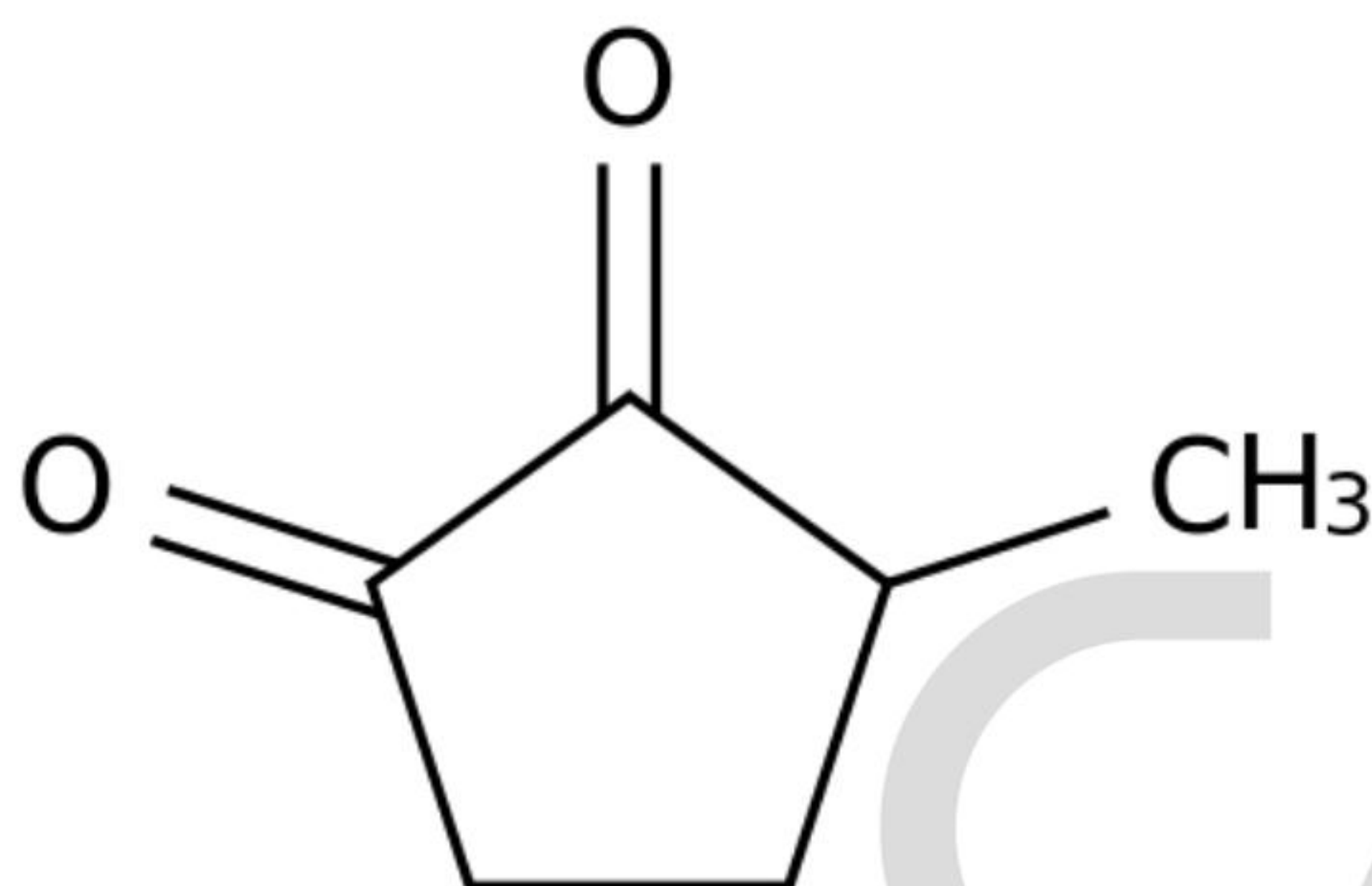


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Methyl-1,2-cyclopentanedione	Catalogue Number:	CCHM702646
Synonyms:	N/A	Lot Number:	1031-RE-0010
CAS Number:	765-70-8	Expiry Date:	Nov 02, 2027
Molecular Formula:	C ₆ H ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	112.13		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	91.5%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aporoved by General Manager:

David

Date: Nov 03, 2023

Date: Nov 03, 2023

Date: Nov 03, 2023

