

Certificate of Analysis

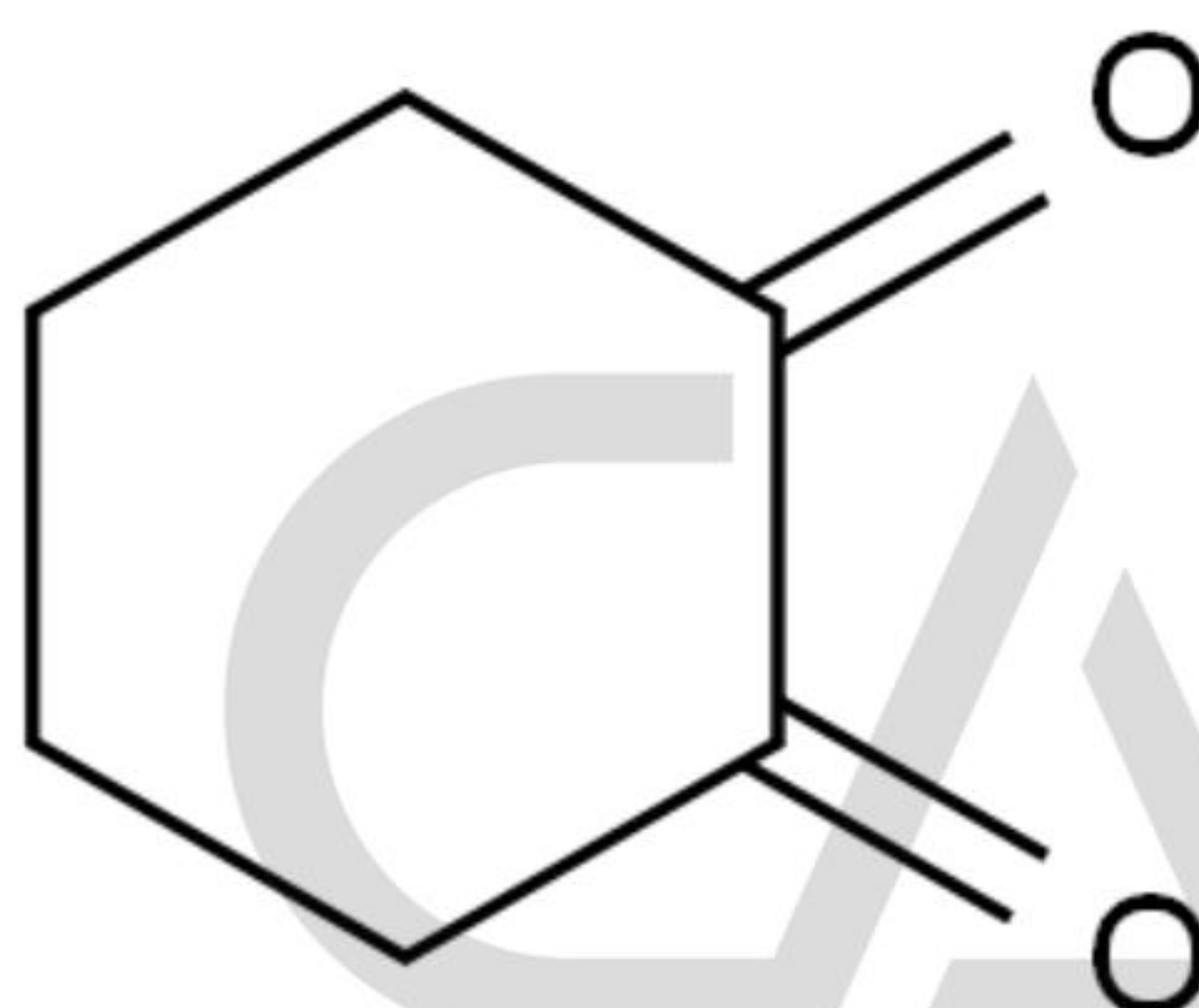
Reference Material & Standard

Product Name:	1,2-Cyclohexanedione	Catalogue Number:	CCHM702099
Synonyms:	N/A	Lot Number:	0724-RE-0052
CAS Number:	765-87-7	Expiry Date:	Aug 06, 2027
Molecular Formula:	C ₆ H ₈ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	112.13		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	84.4%
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

Approved by General Manager:

David

Date: Aug 07, 2023

Date: Aug 07, 2023

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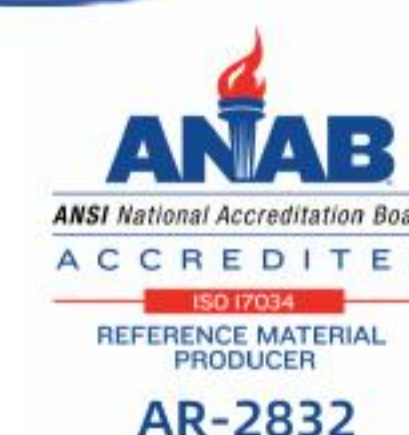
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