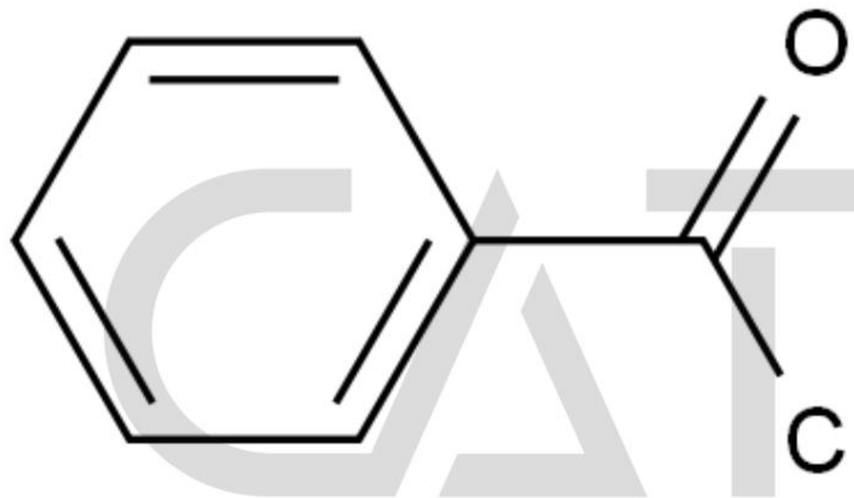
Certificate of Analysis

Reference Material & Standard

Product Name:	Acetophenone	**Catalogue Number:**	CCEM500434
Synonyms:	N/A	**Lot Number:**	1025-RH-0084
CAS Number:	98-86-2	**Expiry Date:**	Nov 01, 2030
Molecular Formula:	C_8H_8O	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	120.15	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Water Content	Karl Fischer	0.6559%
Assay	qNMR	96.6%
Uncertainty		±0.2%

Comment:

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: Alice Date: Nov 02, 2026

Reviewed by: Koi Date: Nov 03, 2026

Approved by General Manager: David Date: Nov 03, 2026

CATO Research Chemicals Inc.