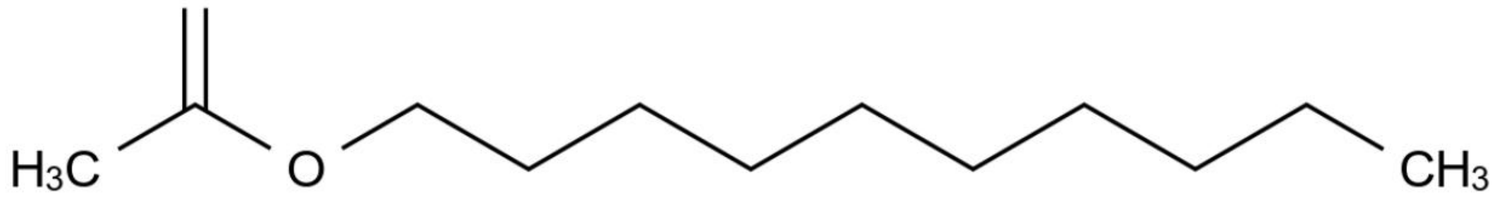
No.: 202207080029

Certificate of Analysis

Reference Material

Product Name:	Decyl Acetate	**Catalogue Number:**	CCFD201829
Chemical Name:	N/A	**Lot Number:**	0711-RD-0028
CAS Number:	112-17-4	**Expiry Date:**	Jul 12, 2026
Molecular Formula:	C12H24O2	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	200.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.373%
Water Content	Karl Fischer	0.4610%
Assay		97.9%
Uncertainty		±2.0%

CATO Research Chemicals Inc.

Comment:

1. The calculation of the 100% method follows the formula:
*Assay (%) = (100%-Water Content) * Purity GC (%) /100%*
Water Content is considered as absolute effect, GC purity is considered as relative effect.
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: Debra Date: Jul 13, 2022

Reviewed by: Xenia Date: Jul 14, 2022

Aporoved by General manager: David Date: Jul 14, 2022

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