



## CERTIFICATE OF ANALYSIS

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### 1. Identification

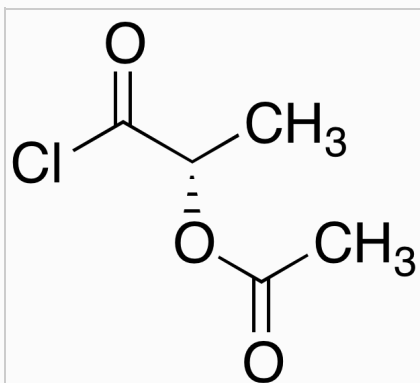
**Catalogue Number:** A167743

**CAS Number:** 36394-75-9

**Synonym:** (2S)-2-(Acetyloxy)propanoyl Chloride; (1S)-2-Chloro-1-methyl-2-oxoethyl Acetate; (2S)-1-Chloro-1-oxopropan-2-yl Acetate; (2S)-2-Acetoxypropionyl Chloride; (S)-(-)-2-Acetoxypropionyl Chloride; (S)-1-Chloro-1-oxopropan-2-yl Acetate; (S)-2-(Acetyloxy)propanoyl Chloride; (S)-2-Acetoxypropionoyl Chloride; (S)-2-Acetoxypropionoyl Chloride; (S)-2-Acetoxypropionoyl Chloride; 2-(S)-Acetoxypropanoyl Chloride; Acetic Acid (1S)-1-(Chlorocarbonyl)ethyl Ester; Acetic Acid (1S)

**Product:** L-a-Acetoxypropionyl Chloride

**Structure:**



**Molecular Formula:**

C<sub>5</sub>H<sub>7</sub>ClO<sub>3</sub>

**Molecular weight:**

150.56

**Source of Product:**

N/A

**Solubility:**

Chloroform (Sparingly)

**Lot Number:** 2022-GHZ-015

**Purity:** 95%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Brown Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 40.51, %H: 4.84
Specific Rotation	Report Result	-30.9° (c = 0.3, Chloroform)
C NMR	Conforms to Structure	Conforms

**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 ± 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
Nicole Yip	Toni Rantanen	Chanell Chu	10/12/2022	10/10/2026
				