

# **CERTIFICATE OF ANALYSIS**

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## 1. Identification

Product:

Structure:

Catalogue C385953 CAS 28663-68-5 Number: Number:

2-Chloro-2-(phenylhydrazono)acetic

Synonym: Ethvl

> (Phenylhydrazono)chloromethylcarboxylate; Ethyl 2-(2-Phenylhydrazono)-2-chloroacetate; Ethyl 2-Chloro-2-(phenylhydrazono)acetate; Ethyl Chloro(phenylhydrazono)acetate; Ethyl Chloroglyoxylate phenylhydrazone; NSC

333417; Oxalyl Chloride Phenylhydrazone

Ethyl Ester;

Molecular Formula:

C10H11N2O2Cl

Molecular weight:

226.65

Source of Product:

N/A Solubility:

Chloroform (Slightly),

Methanol (Slightly)

**Purity:** 98%

Storage

Condition: -20°C, Inert atmosphere

Lot

8-AZP-145-1

Acid Ethyl Ester

Number:

This Product Is Stable To Be Shipping Condition: Shipped At Room Temperature

# 2. Warning

**Appearance** 

Warning 1: Warning 2: Warning 3:

## 3. Analytical Information

Tests: Specifications: Results:

> Pale Yellow to Light Yellow Solid Pale Yellow to Light Yellow Solid

Conforms to Structure **NMR** 

Conforms

Elemental Analysis Conforms %C: 53.15, %H: 4.90, %N: 12.36 MS 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

C of A Approved **Test Date Reviewed By** Reviewed By **Retest Date** By Chanell Chu Nicole Yip Toni Rantanen 9/29/2021 9/27/2025