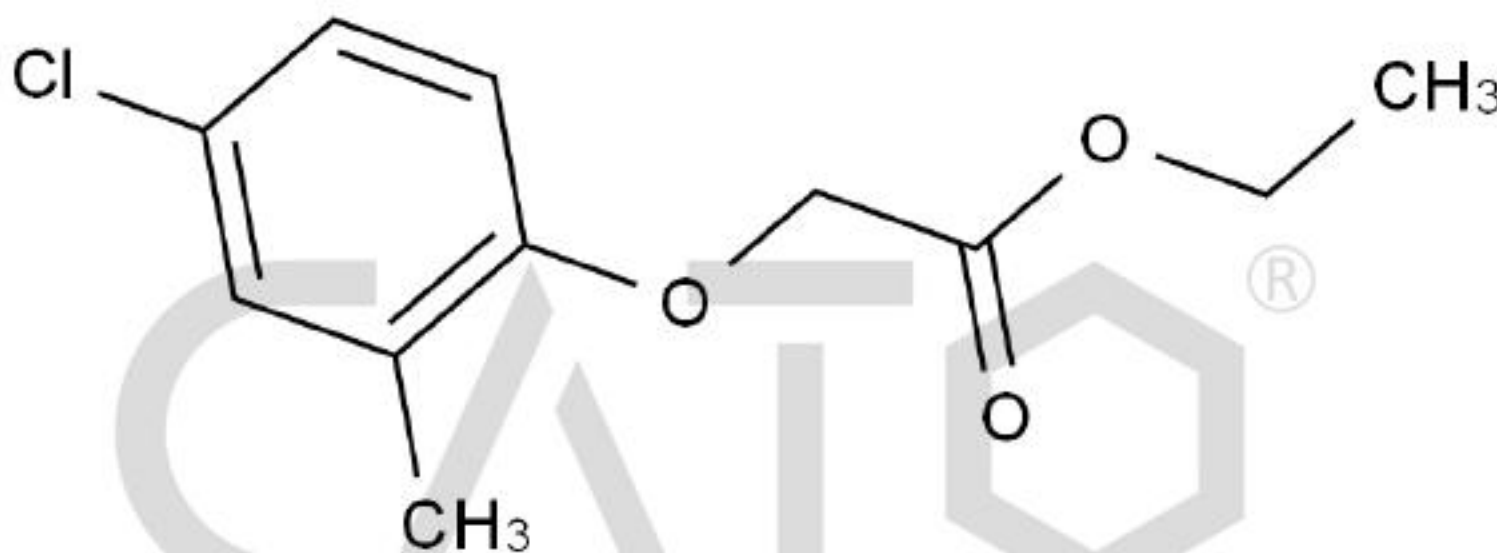


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Mcpa-Ethyl Ester                                 | Catalogue Number: | CCHM700089                                |
| Synonyms:          | N/A                                              | Lot Number:       | 0106-SA-7368                              |
| CAS Number:        | 2698-38-6                                        | Expiry Date:      | Jan 05, 29                                |
| Molecular Formula: | C <sub>11</sub> H <sub>13</sub> ClO <sub>3</sub> | Storage:          | Room Temp Protected from light and Sealed |
| Molecular Weight:  | 228.67                                           |                   |                                           |

Chemical Structure:



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 98.442%   |
| Uncertainty     |                   | ±2.0%     |

## 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:

*Lisa*

Reviewed by:

*Yuki*

Approved by General Manager:

*David*

Date: Jan 06, 25

Date: Jan 06, 25

Date: Jan 06, 25



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Official WeChat

## Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Jan 06, 25 | First release.      |

