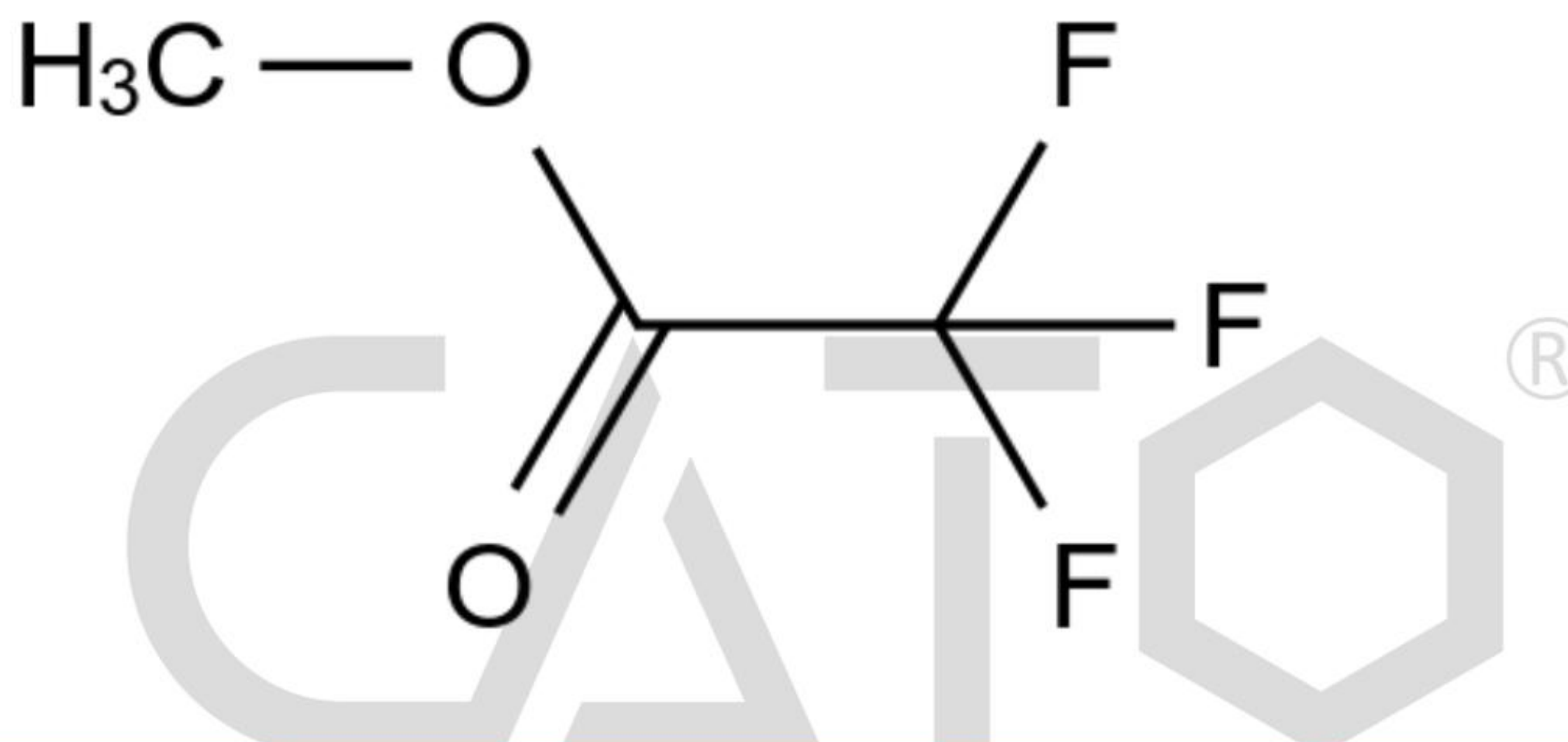


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                             |                     |                                           |
|--------------------|-------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Methyl trifluoroacetate                                     | Catalogue Number:   | C3D-5889                                  |
| Synonyms:          | N/A                                                         | Lot Number:         | 0628-RH-0052                              |
| CAS Number:        | 431-47-0                                                    | Expiry Date:        | Jul 06, 2030                              |
| Molecular Formula: | C <sub>3</sub> H <sub>3</sub> F <sub>3</sub> O <sub>2</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 128.05                                                      | Shipping Condition: | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | GC                | 99.5187%          |
| Water Content  | Karl Fischer      | 0.2018%           |
| Assay          |                   | 99.3%             |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) \* Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jul 07, 2026

Date: Jul 07, 2026

Date: Jul 07, 2026



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