



CERTIFICATE OF ANALYSIS

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1. Identification

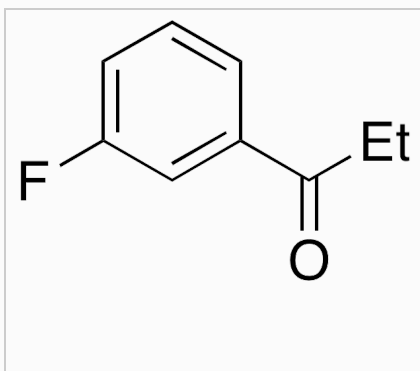
Catalogue Number: F595600

CAS Number: 455-67-4

Product: 3-Fluoropropiophenone

Synonym: 1-(3-Fluorophenyl)-1-propanone; 3'-Fluoropropiophenone; 1-(3-Fluorophenyl)propan-1-one; Ethyl m-Fluorophenyl Ketone; m-Fluoropropiophenone;

Structure:



Molecular Formula:

C₉H₉FO

Molecular weight:

152.17

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 7-MIC-38-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|-----------------------|----------------------|
| Appearance | Colourless Oil | Clear Colourless Oil |
| NMR | Conforms to Structure | Conforms |
| F NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 70.63, %H: 6.12 |
| HPLC Purity | Report Result | 99.77% (240 nm) |
| 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

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|-------------|---------------|--------------------|-----------|-------------|
| Evan Burns | Toni Rantanen | Chanell Chu | 2/10/2022 | 2/8/2026 |
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