



CERTIFICATE OF ANALYSIS

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1. Identification

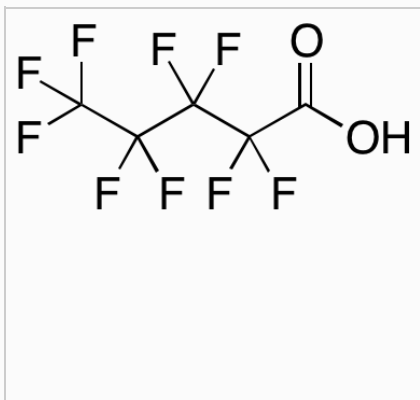
Catalogue Number: N649515

CAS Number: 2706-90-3

Product: Nonafluoropentanoic Acid

Synonym: Nonafluorovaleric Acid; 2,2,3,3,4,4,5,5,5-Nonafluoropentanoic Acid; NSC 18404; Nonafluoropentanoic Acid; Nonafluorovaleric Acid; PFPeA; Perfluoropentanoic Acid

Structure:



Molecular Formula:

C₅HF₉O₂

Molecular weight:

264.05

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 2-LWJ-131-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

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 |
| GC | Report Result | 97.81% |
| 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 |
|-------------|---------------|--------------------|------------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 11/15/2022 | 11/13/2029 |