



CERTIFICATE OF ANALYSIS

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1. Identification

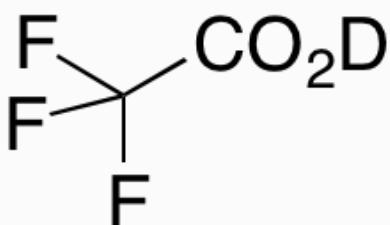
Catalogue Number: T786037

CAS Number: 599-00-8

Product: Trifluoroacetic Acid-d

Synonym: 2,2,2-Trifluoroacetic Acid-d; NSC 77366-d; Perfluoroacetic Acid-d; TFA-d; Trifluoroacetic Acid-d; Trifluoroethanoic Acid-d

Structure:



Molecular Formula:

$C_2DF_3O_2$

Molecular weight:

115.03

Source of Product:

N/A

Solubility:

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

Lot Number: 2022-SAP-124

Purity: 95%

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 |
| C NMR | Conforms to Structure | Conforms |
| Isotopic Purity | Report Result | 92.0% |

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 $\pm 2\%$. 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 |
|--------------------|--------------------|---------------------------|------------------|--------------------|
| Sarjeet Kaur | Neha Khanna | Chanell Chu | 11/29/2022 | 11/27/2026 |

Sarjeet Kaur *Neha* *Chanell Chu*