



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

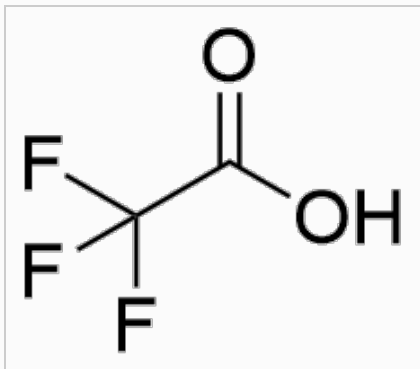
Catalogue Number: T786035

CAS Number: 76-05-1

Product: Trifluoroacetic Acid

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

Structure:



Molecular Formula:

$C_2HF_3O_2$

Molecular weight:

114.02

Source of Product:

N/A

Solubility:

Chloroform (Soluble),
Methanol (Sparingly)

Lot Number: 711875370-1-1

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Appearance	Colourless Liquid	Clear Colourless Liquid

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
Meenakshi Sharma	Toni Rantanen	Christina Gouliaras	10/13/2023	10/11/2027