



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

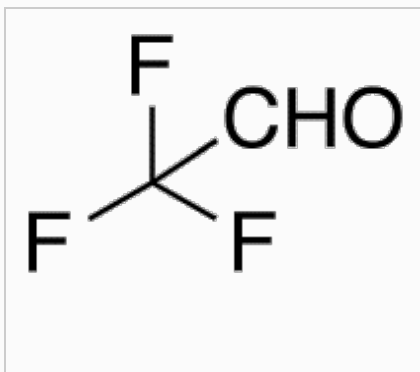
Catalogue Number: T780000

CAS Number: 33953-86-5

Product: 2,2,2-Trifluoroacetaldehyde (~70% in aqueous solution) Monohydrate

Synonym: Fluoral Monohydrate; 2,2,2-Trifluoroacetaldehyde Monohydrate; Fluoral (aldehyde) Monohydrate; NSC 9446 Monohydrate; Trifluoroacetaldehyde Monohydrate; Trifluoroethanal Monohydrate; Trifluoromethyl Aldehyde Monohydrate

Structure:



Molecular Formula:

$C_2HF_3O \cdot H_2O$

Molecular weight:

116.04

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Soluble)

Lot Number: 2022-HAB-007

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 Solution	Clear Colourless Solution
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Water Content	Report Result	32.1% by Karl Fisher

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	10/18/2022	10/16/2026
				