



CERTIFICATE OF ANALYSIS

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1. Identification

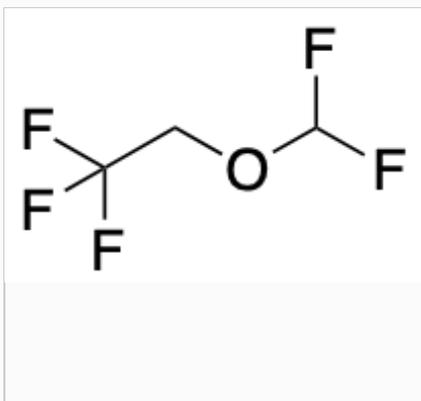
Catalogue Number: D010130

CAS Number: 1885-48-9

Product: Difluoromethyl 2,2,2-Trifluoroethyl Ether

Synonym: 2-(Difluoromethoxy)-1,1,1-trifluoroethane; 2,2,2-Trifluoroethyl Difluoromethyl Ether; Difluoromethyl 2,2,2-trifluoroethyl Ether; E 245; HFC-E 245; HFE 245fa2; HFE 245mf; R-E 245fa1; RE 245

Structure:



Molecular Formula:

C₃H₃F₅O

Molecular weight:

150.05

Source of Product:

N/A

Solubility:

Acetone (Slightly), Chloroform (Soluble), DMSO (Slightly), Methanol (Soluble)

Lot Number: 2022-SBL-018

Purity: 97%

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

Storage Condition: -20°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
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
GC	Report Result	98.93%

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
Sarbjeeet Kaur	Toni Rantanen	Chanell Chu	11/7/2022	11/5/2026