

# LABORATORY REPORT

Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108

### **EXAMPLE, REPORT W**

WX0000003827 M 07/08/1978 45 Y

**Referral Testing** 

Collected: 09/06/2023 14:52 Received: 09/06/2023 14:52

<u>Test Name</u> <u>Result</u> <u>Flag Ref-Ranges</u> <u>Units</u> <u>Site</u>

Comprehensive Volatiles Panel, Blood

Volatiles None Detected NMRL

Comment:

Volatiles:

Acetaldehyde, Acetone, Acetonitrile, Acrylonitrile, Benzene, Butane, n-Butanol, sec-Butanol, tert-Butanol, iso-Butanol, n-Butyl Acetate, Carbon Tetrachloride, Chloroform, Cumene, Cyclohexane, 1,1-Dichloroethane, 1,2-Dichloroethane, trans-1,2-Dichloroethylene, Enflurane, Ethanol, Ethyl Benzene, Ethyl Ether, Ethyl t-Butyl Ether, Freon 11, Freon 12, Freon 113, Halothane, n-Heptane, n-Hexane, Isoamyl Alcohol, Isoflurane, Isopropanol, Isovaleraldehyde, Methanol, Methoxyflurane, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Methyl n-Butyl Ketone, Methyl t-Butyl Ether, Methylene Chloride, Methylpentanes, n-Nonane, n-Octane, Paraldehyde, n-Pentane, Propane, Propanol, Styrene, Tetrachloroethane, Perchloroethylene (Tetrachloroethylene), Tetrahydrofuran, Toluene, 1,1,1-Trichloroethane, Trichloroethylene, Xylenes Reporting limit range: 0.05 - 50 mcg/mL. Analysis by Headspace Gas Chromatography (GC)

Methane None Detected ppm (v/v) NMRL

Reporting Limit: 10 ppm (v/v)Analysis by Gas Chromatography (GC)

Ethane None Detected ppm (v/v) NMRL

Reporting Limit: 2.0 ppm (v/v)Analysis by Gas Chromatography (GC)

Propane None Detected ppm (v/v) NMRL

Reporting Limit: 2.0 ppm (v/v) Analysis by Gas Chromatography (GC)

Isobutane None Detected ppm (v/v) NMRL

Reporting Limit: 2.0 ppm (v/v) Analysis by Gas Chromatography (GC)

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL,  $\,$  . - NOT TESTED

F306000034 WX0000003827 Printed D&T: 09/06/23 14:52 Ordered By: KAJAL SITWALA, MD, PhD WX00000000002365

Form: MM RL1 PAGE 1 OF 3

Kaial V. Sitwala, MD. PhD - Medical Director



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**Test Name** Result Flag Ref-Ranges Units Site NMRL n-Butane None Detected ppm (v/v)

Reporting Limit: 2.0 ppm (v/v)Analysis by Gas Chromatography (GC)

None Detected NMRL Halocarbons

Comment:

Halocarbons:

1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane,

1,1,2-Trichloroethane, 1,1-Dichloroethane,

1,1-Dichloroethene, 1,2-Dichloroethane, Carbon

Tetrachloride, Chloroform, Dichloromethane, Enflurane,

Freon 113, Halothane, Isoflurane, Methoxyflurane,

Perchloroethylene (Tetrachloroethylene),

Trichloroethylene

Note: Reporting Limit Range: 0.01-0.5 mcg/mL.

Analysis by Gas Chromatography (GC)

NMRI 1,1-Difluoroethane None Detected mcg/mL

Reporting Limit: 0.14 mcg/mL Synonym(s): Freon 152a 1,1-Difluoroethane (DFE) is a colorless and essentially odorless gas that is used as a non-ozone depleting propellant found in many consumer products, electronic cleaners, and as a refrigerant and chemical intermediate. DFE inhalation can cause euphoria, disorientation and altered mental state. Due to its volatility and rapid elimination of this compound, the measured concentration may be lower than the concentration present at the time of specimen collection. Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

NMRL 1,1,1,2-Tetrafluoroethane None Detected mcg/mL

Reporting Limit: 0.14 mcg/mL

Synonym(s): Dymel 134a; norflurane; Genetron 134a;

Suva 134a; R134a; tetrafluoroethane; HFC-134a

Comment:

Substance(s) known to interfere with the identity

and/or quantity of the reported result:

Chloromethane, Pentafluoroethane

1,1,1,2-tetrafluoroethane (TFE) is a colorless gas with

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Kaial V. Sitwala, MD. PhD - Medical Director Form: MM RL1

PAGE 2 OF 3



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a faint ether-like odor that is used as a non-ozone depleting propellant found in many commonly used consumer products and electronic cleaners and it is also used as a refrigerant. TFE belongs to a class of compounds that has been recognized as a substance of abuse that can lead to serious injury and death. Like other fluorinated hydrocarbons, inhalation of 1,1,2-TFE may result in a feeling of euphoria and loss of inhibition; however, in higher concentrations, abuse may lead to cardiac dysrhythmias and sudden death.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

Testing performed at NMS Labs, Inc. 200 Welsh Road Horsham, PA 19044-2208 CLIA 39D0197898

Reported Date: 2023.09.06 14:52 INPBL

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