Warde Medical Laboratory

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 14:57 Received: 09/06/2023 14:57

Test Name	Result	Flag	Ref-Ranges	Units	Site
Comprehensive Volatiles Panel, Blood					
Volatiles	Positive				NMRL

Comment:
Acetone = 0.79 mg/dL
Reporting Limit = 0.50 mg/dL
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	10			ppm (v/v)	NMRL

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

Ethane	11			ppm (v/v)	NMRL

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

Propane	12			ppm (v/v)	NMRL

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

Isobutane	13			ppm (v/v)	NMRL

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

F306000037
WX0000003827
Printed D&T: 09/06/23 14:57

Ordered By: KAJAL SITWALA, MD, PhD
WX00000000002365

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

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	Reporting Limit: 2.0 ppm (v/v) Analysis by Gas Chromatography (GC)				
n-Butane	14			ppm (v/v)	NMRL
	Reporting Limit: 2.0 ppm (v/v) Analysis by Gas Chromatography (GC)				
Halocarbons	None Detected				NMRL
	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)				
1,1-Difluoroethane	1.0			mcg/mL	NMRL
	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 commonly used consumer products and electronic cleaners. It may also be found as a refrigerant and chemical intermediate. 1,1-DFE has been recognized as a substance of abuse that can lead to serious injury and death. Like other fluorinated hydrocarbons, inhalation of 1,1-DFE may result in a feeling of light-headedness and disorientation; however in higher concentrations, abuse may lead to cardiac dysrhythmias and sudden death. Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
1,1,1,2-Tetrafluoroethane	2.0			mcg/mL	NMRL
	Reporting Limit: 0.14 mcg/mL Synonym(s): tetrafluoroethane; R134a; Suva 134a; Genetron 134a; HFC-134a; norflurane; Dymel 134a 1,1,1,2-tetrafluoroethane (TFE) is a colorless gas with				

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Test Name	Result	Flag	Ref-Ranges	Units	Site

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 1,1,1,2-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 14:57 INPBL

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