

Example Client, XYZ123 1234 Warde Road Ann Arbor MI 48108

#### **EXAMPLE, REPORT W**

WX0000003827 M 07/08/1978 45 Y

**Referral Testing** 

Collected: 09/11/2023 08:27 Received: 09/11/2023 08:27

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

PCB (Polychlorinated Biphenyl) Panel, Blood

2,4,4'-Trichlorobiphenyl (PCB 28)

None Detected

mcg/L

NMRL

Reporting Limit:  $0.020~\rm mcg/L$  U.S. Population (NHANES 2003-2004) is generally less than  $0.068~\rm mcg/L$  (assumes serum density of  $1.024~\rm g/mL$ ) Canadian Population (Health Canada 2007-2009) is generally less than  $0.05~\rm mcg/L$  Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

2,2',3,5'-Tetrachlorobiphenyl (PCB 44)

None Detected mcg/L NMRL

Reporting Limit: 0.010~mcg/L U.S. Population (NHANES 2003-2004) is generally less than 0.032~mcg/L (assumes serum density of 1.024~g/mL) Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

2,2',5,5'-Tetrachlorobiphenyl (PCB 52)

None Detected mcg/L NMRL

Reporting Limit: 0.010 mcg/L Comment:
Substance(s) known to interfere with the identity and/or quantity of the reported result:
2,3',5',6-Tetrachlorobiphenyl (PCB 73)
U.S. Population (NHANES 2003-2004) is generally less than 0.044 mcg/L (assumes serum density of 1.024 g/mL)
Analysis by Gas Chromatography/Tandem Mass
Spectrometry (GC-MS/MS)

2,3',4,4'-Tetrachlorobiphenyl (PCB 66)

enyl (PCB 66) None Detected mcg/L NMRL

Reporting Limit: 0.010 mcg/L Comment:
Substance(s) known to interfere with the identity and/or quantity of the reported result:
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)
U.S. Population (NHANES 2003-2004) is generally less than 0.025 mcg/L (assumes serum density of 1.024 g/mL) Canadian Population (Health Canada 2007-2009) is generally less than 0.03 mcg/L Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

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

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NMRI 2,4,4',5-Tetrachlorobiphenyl (PCB 74) 0.029 mcg/L

Reporting Limit: 0.020 mcg/L

Comment:

Substance(s) known to interfere with the identity

and/or quantity of the reported result:

2,3,4,5-Tetrachlorobiphenyl (PCB 61)

U.S. Population (NHANES 2003-2004) is generally less

than 0.15 mcg/L (assumes serum density of 1.024 g/mL)

Canadian Population (Health Canada 2007-2009) is

generally less than  $0.10~{\rm mcg/L}$ 

Analysis by Gas Chromatography/Tandem Mass

Spectrometry (GC-MS/MS)

2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)

None Detected

NMRL mcq/L

Reporting Limit: 0.010 mcg/L

Comment:

Substance(s) known to interfere with the identity

and/or quantity of the reported result:

2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)

U.S. Population (NHANES 2003-2004) is generally less

than 0.033 mcg/L (assumes serum density of 1.024 g/mL)

Canadian Population (Health Canada 2007-2009) is

generally less than 0.03 mcg/L

Analysis by Gas Chromatography/Tandem Mass

Spectrometry (GC-MS/MS)

2,3'4,4',5-Pentachlorobiphenyl (PCB 118)

0.021

NMRI mcg/L

Reporting Limit: 0.020 mcg/L

Comment:

Substance(s) known to interfere with the identity

and/or quantity of the reported result:

2,3,3',4,5-Pentachlorobiphenyl (PCB 106)

U.S. Population (NHANES 2003-2004) is generally less

than 0.22 mcg/L (assumes serum density of 1.024 g/mL) Canadian Population (Health Canada 2007-2009) is

generally less than 0.12 mcg/L

Analysis by Gas Chromatography/Tandem Mass

Spectrometry (GC-MS/MS)

2,2',3,4,4',5-Hexachlorobiphenyl (PCB 138)

0.077

mcg/L

NMRL

Reporting Limit: 0.040 mcg/L

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

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Form: MM RL1 PAGE 2 OF 4

Kaial V. Sitwala, MD. PhD - Medical Director



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Comment:

Substance(s) known to interfere with the identity and/or quantity of the reported result: 2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158); 2,3,3',4',5,6-Hexachlorobiphenyl (PCB 163); 2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164) U.S. Population (NHANES 2003-2004) for PCB congeners 138 and 158 is generally less than 0.48 mcg/L (assumes serum density of 1.024 g/mL) Canadian Population (Health Canada 2007-2009) for PCB congener 138 only is generally less than 0.28 mcg/L Analysis by Gas Chromatography/Tandem Mass

2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)

Spectrometry (GC-MS/MS)

0.12

mcg/L

NMRL

Reporting Limit: 0.080~mcg/L U.S. Population (NHANES 2003-2004) is generally less than 0.63~mcg/L (assumes serum density of 1.024~g/mL) Canadian Population (Health Canada 2007-2009) is generally less than 0.54~mcg/L Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)

0.018

mcg/L

NMRL

Reporting Limit: 0.010 mcg/L U.S. Population (NHANES 2003-2004) is generally less than 0.10 mcg/L (assumes serum density of 1.024 g/mL) Canadian Population (Health Canada 2007-2009) is generally less than 0.07 mcg/L Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/MS)

2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180) 0.11

mcg/L

NMRL

Reporting Limit: 0.080 mcg/L U.S. Population (NHANES 2003-2004) is generally less than 0.54 mcg/L (assumes serum density of 1.024 g/mL) Canadian Population (Health Canada 2007-2009) is generally less than 0.49 mcg/L Analysis by Gas Chromatography/Tandem Mass Spectrometry (GC-MS/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.

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

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

**Reported Date:** 2023.09.11 8:28 PCBP

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