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SGS AXYS Client No.: 4066

Client Address: Tetra Tech, Inc. - Pacific Guardian Ctr.
737 Bishop St., Suite 2340, Mauka Tower
Honolulu, HI, US, 96813-3201

The SGS AXYS contact for these data is Dale Robinson.

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BATCH SUMMARY

Batch ID:	WG88609	Date:	08-Jul-2024
Analysis Type:	Per- and Polyfluoroalkyl Substances (PFAS)_UltraShort	Matrix Type:	Aqueous
BATCH MAKEUP			
Contract: 4066 Samples: L40552-1 SIWWTP-BIOS_SPLP (FC10214-1L) L40552-2 HUWWTP-BIOS_SPLP (FC10214-2L) L40552-3 LAWWTP-BIOS_SPLP (FC10214-3L) L40552-4 LAWWTP-COMP_SPLP (FC10214-4L)		Blank: WG88609-101 Reference or Spike: WG88609-102 WG88609-103 Duplicate:	
Comments: <ol style="list-style-type: none"> 1. Data are considered final. 2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data. 3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples. 4. The reported concentration values represent the acid forms of the compounds. 5. All samples were not filtered prior to extraction – data represents whole-water results. 6. For all the field samples, recoveries of some labeled surrogates were slightly below the method lower control limits and flagged with a 'V' on reports. Since isotope dilution method produces data that are recovery corrected, slight variances from the method specifications are deemed not to affect the quantification of the associated analytes. 7. For the calibration verification (FC4V_008 S: 4), recovery of the labeled surrogate 13C2-PFEtA was slightly below the method lower control limit. However, the recovery of the associated analyte met the method specifications, data is not considered affected. 			

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February 2017

FQA-006 Rev. 4. 20-Sep-2013

FC10214

SGS AXYS CLIENT #: 7066

SGS AXYS CLIENT #: 7066

[illegible]

- Process using Multi-Increment sampling procedures (A-100)
- Test minimum 5g subsample
- Recombine compost sample and send to Rob Caldwell at the Lakeview, Ontario lab for a soil column test. (two leachate samples generated)
- Test leachate sample using MLA-110 and MLA-111 and MLA 119
- send subsamples of leachate to Eurofins, Sacramento, for PFAS
- SGS-Axys should also test the leachate for TOPS & TOF (filter before)

Eurofins bottles
← + COC included
with compost sample

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-1

Matrix: AQUEOUS

Sample Size:

0.0206 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 04:54:11

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 23

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG ¹	CONC. FOUND	REPORTING LIMIT (RL) ²	RATIO	RRT
PfMeS	U		9.70 (L)		
PfEtS	U		21.6 (S)		
PfPrS	U		4.94 (L)		
PfEtA	U		923 (S)		
PfPrA	U		37.1 (S)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

SGS AXYS METHOD MLA-120 Rev 1

Form 2

CLIENT SAMPLE NO.
SIWWTP-BIOS_SPLP (FC10214-1L)
Sample Collection:
27-Sep-2023 08:00

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-1

Matrix: AQUEOUS

Sample Size:

0.0206 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 04:54:11

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 23

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG ¹	SPIKE CONC.	CONC. FOUND	R(%) ²	RATIO	RRT
13C2-PFETa	V	84.7	3.16	3.73	0.16	1.190
13C3-PFPrA	V	84.0	11.0	13.0	0.72	1.051

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

SGS AXYS METHOD MLA-120 Rev 1

Form 1A

CLIENT SAMPLE NO.
HUWWTP-BIOS_SPLP
(FC10214-2L)
Sample Collection:
28-Sep-2023 11:00

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-2

Matrix: AQUEOUS

Sample Size:

0.0210 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:09:57

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 24

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG ¹	CONC. FOUND	REPORTING LIMIT (RL) ²	RATIO	RRT
PfMeS	U		9.54 (L)		
PfEtS	U		5.77 (S)		
PfPrS	U		4.86 (L)		
PfEtA		133	125 (S)	0.05	1.000
PfPrA	U		19.1 (L)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-2

Matrix: AQUEOUS

Sample Size:

0.0210 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:09:57

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 24

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG ¹	SPIKE CONC.	CONC. FOUND	R(%) ²	RATIO	RRT
13C2-PFETa	V	84.7	16.4	19.4	0.35	1.191
13C3-PFPrA		84.0	28.1	33.4	0.57	1.051

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-3

Matrix: AQUEOUS

Sample Size:

0.0206 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:25:42

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 25

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.
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COMPOUND	LAB FLAG ¹	CONC. FOUND	REPORTING LIMIT (RL) ²	RATIO	RRT
PfMeS	U		9.72 (L)		
PfEtS	U		6.44 (S)		
PfPrS	U		4.95 (L)		
PfEtA	R	401	305 (S)	0.02	0.990
PfPrA	U		19.5 (L)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL; R = peak detected but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.

(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-3

Matrix: AQUEOUS

Sample Size:

0.0206 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:25:42

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 25

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.
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LABELED COMPOUND	LAB FLAG ¹	SPIKE CONC.	CONC. FOUND	R(%) ²	RATIO	RRT
13C2-PFEtA	V	84.7	9.38	11.1	0.32	1.190
13C3-PFPrA		84.0	38.0	45.3	0.55	1.051

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

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Signed: _____Henry Huang_____

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-4

Matrix: AQUEOUS

Sample Size:

0.0205 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:41:27

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 26

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng/L

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COMPOUND	LAB FLAG ¹	CONC. FOUND	REPORTING LIMIT (RL) ²	RATIO	RRT
PfMeS		532	9.78 (L)	0.18	0.751
PfEtS	U		23.5 (S)		
PfPrS	U		4.98 (L)		
PfEtA		5410	871 (S)	0.09	1.000
PfPrA	U		35.9 (S)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

SGS AXYS METHOD MLA-120 Rev 1

Form 2

CLIENT SAMPLE NO.
LAWWTP-COMP_SPLP
(FC10214-4L)
Sample Collection:
20-Sep-2023 12:00

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

WWTP BIOS AND COMP

Lab Sample I.D.:

L40552-4

Matrix: AQUEOUS

Sample Size:

0.0205 L

Sample Receipt Date: 15-Nov-2023

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 05:41:27

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 26

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG ¹	SPIKE CONC.	CONC. FOUND	R(%) ²	RATIO	RRT
13C2-PFETa	V	84.7	2.80	3.31	0.32	1.204
13C3-PFPrA	V	84.0	7.46	8.88	0.40	1.063

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

N/A

Lab Sample I.D.:

WG88609-101

Matrix: AQUEOUS

Sample Size:

0.0200 L

Sample Receipt Date: N/A

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 01:29:20

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 10

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng/L

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG ¹	CONC. FOUND	REPORTING LIMIT (RL) ²	RATIO	RRT
PfMeS	U		10.0 (L)		
PfEtS	U		5.15 (L)		
PfPrS	U		5.10 (L)		
PfEtA	U		102 (L)		
PfPrA	U		20.0 (L)		

(1) Where applicable, custom lab flags have been used on this report; U = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

SGS AXYS METHOD MLA-120 Rev 1

Form 2

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

PERFLUORINATED ORGANICS ANALYSIS REPORT

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.: 4066

Project No.

N/A

Lab Sample I.D.:

WG88609-101

Matrix: AQUEOUS

Sample Size:

0.0200 L

Sample Receipt Date: N/A

Initial Calibration Date:

22-Mar-2024

Extraction Date: 09-Apr-2024

Instrument ID:

LC MS/MS

Analysis Date: 12-Apr-2024 Time: 01:29:20

Column ID:

POLAR X

Extract Volume (uL): 2000

Sample Data Filename:

FC4V_008 S: 10

Injection Volume (uL): 4

Blank Data Filename:

FC4V_008 S: 10

Dilution Factor: N/A

Cal. Ver. Data Filename:

FC4V_008 S: 4

Concentration Units: ng absolute

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG ¹	SPIKE CONC.	CONC. FOUND	R(%) ²	RATIO	RRT
13C2-PFEtA		84.7	44.5	52.5	0.36	1.202
13C3-PFPrA		84.0	60.6	72.2	0.66	1.063

(1) Where applicable, custom lab flags have been used on this report.

(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC2-Form2.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50;
Report Filename: PFC_FC_LC_PFAS_ULTRASHORT_WG88609-101_Form2_FC4V_008S10_SJ3447312.html; Workgroup: WG88609; Design ID: 3989]

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88609-102
Matrix:	AQUEOUS	Initial Calibration Date:	22-Mar-2024
Extraction Date:	09-Apr-2024	Instrument ID:	LC MS/MS
Analysis Date:	12-Apr-2024 Time: 00:42:04	Column ID:	POLAR X
Extract Volume (uL):	2000	OPR Data Filename:	FC4V_008 S: 7
Injection Volume (uL):	4	Blank Data Filename:	FC4V_008 S: 10
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4V_008 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG ¹	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
PfMeS		0.16	100	107	107	0.754
PfEtS		0.10	51.5	60.7	118	0.721
PfPrS		0.39	51.0	67.5	132	0.688
PfEtA		0.19	1020	829	81.2	1.000
PfPrA		0.40	200	186	93.0	1.000

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC2-Form8A.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50;
Report Filename: PFC_FC_LC_PFA_ULTRASHORT_WG88609-102_Form8A_SJ3447309.html; Workgroup: WG88609; Design ID: 3989]

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88609-102
Matrix:	AQUEOUS	Initial Calibration Date:	22-Mar-2024
Extraction Date:	09-Apr-2024	Instrument ID:	LC MS/MS
Analysis Date:	12-Apr-2024 Time: 00:42:04	Column ID:	POLAR X
Extract Volume (uL):	2000	OPR Data Filename:	FC4V_008 S: 7
Injection Volume (uL):	4	Blank Data Filename:	FC4V_008 S: 10
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4V_008 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG ¹	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
13C2-PF ₆ EtA		0.34	84.7	21.4	25.2	1.202
13C3-PF ₆ PrA		0.68	84.0	48.5	57.7	1.063

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC2-Form8B.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50;
Report Filename: PFC_FC_LC_PFAS_ULTRASHORT_WG88609-102_Form8B_SJ3447309.html; Workgroup: WG88609; Design ID: 3989]

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88609-103
Matrix:	AQUEOUS	Initial Calibration Date:	22-Mar-2024
Extraction Date:	09-Apr-2024	Instrument ID:	LC MS/MS
Analysis Date:	12-Apr-2024 Time: 00:26:18	Column ID:	POLAR X
Extract Volume (uL):	2000	OPR Data Filename:	FC4V_008 S: 6
Injection Volume (uL):	4	Blank Data Filename:	FC4V_008 S: 10
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4V_008 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG ¹	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
PfMeS		0.17	32.0	30.3	94.7	0.754
PfEtS		0.09	16.5	15.5	94.0	0.721
PfPrS		0.37	16.3	17.1	105	0.699
PfEtA		0.18	327	256	78.4	1.000
PfPrA		0.38	64.1	58.2	90.8	1.000

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC2-Form8A.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50;
Report Filename: PFC_FC_LC_PFAS_ULTRASHORT_WG88609-103_Form8A_SJ3447308.html; Workgroup: WG88609; Design ID: 3989]

PERFLUORINATED ORGANICS ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	4066	Lab Sample I.D.:	WG88609-103
Matrix:	AQUEOUS	Initial Calibration Date:	22-Mar-2024
Extraction Date:	09-Apr-2024	Instrument ID:	LC MS/MS
Analysis Date:	12-Apr-2024 Time: 00:26:18	Column ID:	POLAR X
Extract Volume (uL):	2000	OPR Data Filename:	FC4V_008 S: 6
Injection Volume (uL):	4	Blank Data Filename:	FC4V_008 S: 10
Dilution Factor:	N/A	Cal. Ver. Data Filename:	FC4V_008 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG ¹	RATIO	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RRT
13C2-PF ₆ EtA		0.36	84.7	38.3	45.2	1.188
13C3-PF ₆ PrA		0.67	84.0	62.2	74.1	1.051

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC2-Form8B.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50;
Report Filename: PFC_FC_LC_PFAS_ULTRASHORT_WG88609-103_Form8B_SJ3447308.html; Workgroup: WG88609; Design ID: 3989]

Form 3A
INITIAL CALIBRATION RELATIVE RESPONSES

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 22-Mar-2024

Instrument ID: LC MS/MS

LC Column ID: POLAR X

CS0 Data Filename: FC4V_002 S: 7
CS1 Data Filename: FC4V_002 S: 9
CS2 Data Filename: FC4V_002 S: 10
CS3 Data Filename: FC4V_002 S: 11
CS4 Data Filename: FC4V_002 S: 12
CS5 Data Filename: FC4V_002 S: 13
CS6 Data Filename: FC4V_002 S: 14
CS7 Data Filename: FC4V_002 S: 15
CS8 Data Filename: FC4V_002 S: 16

		RELATIVE RESPONSE (RR)								MEAN RR	CV (%RSD) ²	
COMPOUND	LAB FLAG ¹	CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7			CS8
PfMeS		0.57	0.50	0.66	0.61	0.64	0.63	0.65	0.57	0.56	0.60	8.78
PfEtS		0.80	0.63	0.56	0.59	0.57	0.60	0.66	0.63	0.61	0.63	11.8
PfPrS		1.14	1.21	1.33	1.26	1.34	1.40	1.57	1.75	1.83	1.43	16.8
PfEtA		0.44	0.54	0.57	0.55	0.57	0.56	0.55	0.54	0.54	0.54	7.13
PfPrA		0.97	0.70	0.76	0.68	0.72	0.71	0.75	0.73	0.73	0.75	11.5

(1) Where applicable, custom lab flags have been used on this report.
(2) For contract CV specifications, see SGS AXYS METHOD MLA-120 Rev 1

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: Henry Huang

Form 3B
INITIAL CALIBRATION RELATIVE RESPONSES

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 22-Mar-2024

Instrument ID: LC MS/MS

LC Column ID: POLAR X

CS0 Data Filename: FC4V_002 S: 7

CS1 Data Filename: FC4V_002 S: 9

CS2 Data Filename: FC4V_002 S: 10

CS3 Data Filename: FC4V_002 S: 11

CS4 Data Filename: FC4V_002 S: 12

CS5 Data Filename: FC4V_002 S: 13

CS6 Data Filename: FC4V_002 S: 14

CS7 Data Filename: FC4V_002 S: 15

CS8 Data Filename: FC4V_002 S: 16

		RELATIVE RESPONSE (RR)								MEAN RR	CV (%RSD) ²
LABELLED COMPOUND	LAB FLAG ¹	CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7		
13C2-PFEtA		0.09	0.10	0.09	0.09	0.08	0.07			0.09	12.7
13C3-PFPrA		0.42	0.46	0.43	0.45	0.42	0.41	0.36		0.42	7.45

(1) Where applicable, custom lab flags have been used on this report.
(2) For contract CV specifications, see SGS AXYS METHOD MLA-120 Rev 1.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

Form 3C
LC MS/MS INITIAL CALIBRATION RATIOS

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 22-Mar-2024

Instrument ID: LC MS/MS

LC Column ID: POLAR X

CS0 Data Filename: FC4V_002 S: 7

CS1 Data Filename: FC4V_002 S: 9

CS2 Data Filename: FC4V_002 S: 10

CS3 Data Filename: FC4V_002 S: 11

CS4 Data Filename: FC4V_002 S: 12

CS5 Data Filename: FC4V_002 S: 13

CS6 Data Filename: FC4V_002 S: 14

CS7 Data Filename: FC4V_002 S: 15

CS8 Data Filename: FC4V_002 S: 16

COMPOUND	LAB FLAG ¹	RATIOS								
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
PfMeS		0.14	0.13	0.17	0.16	0.16	0.16	0.16	0.16	0.16
PfEtS		0.12	0.11	0.09	0.10	0.09	0.10	0.10	0.10	0.10
PfPrS		0.44	0.36	0.38	0.38	0.39	0.39	0.40	0.40	0.41
PfEtA		0.19	0.19	0.24	0.25	0.24	0.25	0.25	0.26	0.26
PfPrA		0.43	0.36	0.37	0.36	0.40	0.40	0.40	0.39	0.39

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: Henry Huang

Form 3D
LC MS/MS INITIAL CALIBRATION RATIOS

SGS AXYS ANALYTICAL SERVICES

2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 22-Mar-2024

Instrument ID: LC MS/MS

LC Column ID: POLAR X

CS0 Data Filename: FC4V_002 S: 7

CS1 Data Filename: FC4V_002 S: 9

CS2 Data Filename: FC4V_002 S: 10

CS3 Data Filename: FC4V_002 S: 11

CS4 Data Filename: FC4V_002 S: 12

CS5 Data Filename: FC4V_002 S: 13

CS6 Data Filename: FC4V_002 S: 14

CS7 Data Filename: FC4V_002 S: 15

CS8 Data Filename: FC4V_002 S: 16

Labeled Compound	Lab Flag ¹	Ratios								
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8
13C2-PFetA		0.36	0.37	0.36	0.35	0.36	0.34			
13C3-PFPrA		0.57	0.61	0.59	0.61	0.60	0.61	0.57		

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

SGS AXYS METHOD MLA-120 Rev 1

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	22-Mar-2024	VER Data Filename:	FC4V_008 S: 4
Instrument ID:	LC MS/MS	Analysis Date:	11-Apr-2024
LC Column ID:	POLAR X	Analysis Time:	23:54:47

COMPOUND	LAB FLAG ¹	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
PfMeS		0.767	149 >99	0.17	50.0	51.1	102
PfEtS		0.724	199 >99	0.09	25.8	27.8	108
PfPrS		0.702	249 > 99	0.38	25.5	24.4	95.8
PfEtA		1.000	113 > 69	0.18	511	395	77.4
PfPrA		1.000	163 > 119	0.40	100	94.3	94.2

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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SGS AXYS METHOD MLA-120 Rev 1

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	22-Mar-2024	VER Data Filename:	FC4V_008 S: 4
Instrument ID:	LC MS/MS	Analysis Date:	11-Apr-2024
LC Column ID:	POLAR X	Analysis Time:	23:54:47

LABELED COMPOUND	LAB FLAG ¹	RRT	QUANT TRANSITION	RATIO	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
13C2-PFEtA		1.186	115> 70	0.35	169	101	59.7
13C3-PFPrA		1.050	166 > 121	0.69	168	147	87.5

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC2-Form4B.xsl; Created: 08-Jul-2024 18:19:21; Application: XMLTransformer-1.18.50; Report Filename: PFOA_FC_LC_FC4V_008S4__Form4B_SJ3447306.html; Workgroup: WG88609; Design ID: 3989]

Accreditation Scope			
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
BFR	BTSPE	SGS AXYS MLA-033	MLA-033
BFR	DBDPE	SGS AXYS MLA-033	MLA-033
BFR	HBB	SGS AXYS MLA-033	MLA-033
BFR	PBEB	SGS AXYS MLA-033	MLA-033
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-iso-nonyl phthalate (MINP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007
OC Pesticides		EPA 625	MLA-007
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007
OC Pesticides	2,4'-DDD	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228
OC Pesticides	2,4'-DDE	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228
OC Pesticides	2,4'-DDT	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228
OC Pesticides	4,4'-DDD	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228
OC Pesticides	4,4'-DDE	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228
OC Pesticides	4,4'-DDT	EPA 625	MLA-007
OC Pesticides		EPA 8270E	MLA-007
OC Pesticides		EPA 1699	MLA-028
OC Pesticides		SGS AXYS MLA-028	MLA-028
OC Pesticides		SGS AXYS MLA-007	MLA-007
OC Pesticides		SGS AXYS MLA-228	MLA-228

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum												Tissue and Tissue Flora												Urine	Water	Water, Non-Portable	AFF					
				CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDDOE **
OC Pesticides	Aldrin	EPA 625	MLA-007																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides	Alpha-HCH	SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 625	MLA-007																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides	Beta-HCH	SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 625	MLA-007																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides	Chlordane, technical	SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides	cis-Chlordane (alpha-Chlordane)	SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides	cis-Nonachlor	SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 8270E	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides	Delta-HCH	SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 608	MLA-007																																	
OC Pesticides		EPA 8081B	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides	Dieldrin	SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 608	MLA-007																																	
OC Pesticides		EPA 8081B	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides	Endosulphan I	SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 608	MLA-007																																	
OC Pesticides		EPA 8081B	MLA-007																																	
OC Pesticides	Endosulphan II	EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	
OC Pesticides		EPA 608	MLA-007																																	
OC Pesticides	Endosulphan sulphate	EPA 8081B	MLA-007																																	
OC Pesticides		EPA 1699	MLA-028																																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y																																
OC Pesticides		SGS AXYS MLA-007	MLA-007																																	
OC Pesticides		SGS AXYS MLA-228	MLA-228																																	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids	Tissue and Tissue Flora	Urine	Water	Water, Non-Potable	AFF
				CALA	Alaska DEC ANAB DoD _{DOE} ** ANAB ISO 17025 CALA California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Virginia DGS Washington DE	ANAB DoD _{DOE} ** ANAB ISO 17025 CALA Florida DOH Minnesota DOH New Jersey DEP Virginia DGS Washington DE	CALA	CALA	Alaska DEC ANAB DoD _{DOE} ** ANAB ISO 17025 California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Pennsylvania DEP Virginia DGS Washington DE *	ANAB DoD _{DOE} ** ANAB ISO 17025
OC Pesticides	Endrin	EPA 608	MLA-007							
OC Pesticides		EPA 8081B	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007							
OC Pesticides		EPA 8081B	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007							
OC Pesticides		EPA 8270E	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Heptachlor	EPA 625	MLA-007							
OC Pesticides		EPA 8270E	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007							
OC Pesticides		EPA 8081B	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007							
OC Pesticides		EPA 8270E	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Methoxychlor	EPA 608	MLA-007							
OC Pesticides		EPA 8081B	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Mirex	EPA 8270E	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y
OC Pesticides	Oxychlorodane	EPA 8270E	MLA-007							
OC Pesticides		EPA 1699	MLA-028							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y
OC Pesticides		SGS AXYS MLA-007	MLA-007							
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y
OC Pesticides	Toxaphene	EPA 8270E	MLA-007							
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora	Urine	Water	Water, Non-Portable												AFFF						
				CALA	Alaska DEC	ANAB DoDIDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDIDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	Alaska DEC	ANAB DoDIDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDIDOE **	ANAB ISO 17025
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007						Y	Y				Y		Y				Y									Y	Y								
OC Pesticides		EPA 1699	MLA-028																																			
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y	Y							Y			Y	Y				Y					Y						Y			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y	Y										Y	Y				Y														
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y	Y						Y	Y			Y	Y			Y											Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007						Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y											Y																	
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y	Y						Y				Y	Y			Y						Y						Y			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y	Y										Y					Y														
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y	Y						Y	Y			Y	Y			Y		Y									Y	Y			
Fluoride	Fluoride	EPA 1621 draft	MLA-119																																			
	Fluoride	SGS AXYS MLA-119 AQF	MLA-119																																			
		SGS AXYS MLA-119 EOF	MLA-119							Y																												
	Fluoride	SGS AXYS MLA-119 TF	MLA-119							Y																												
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2-Methylantracene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021						Y																													
PAH		SGS AXYS MLA-021	MLA-021					Y						Y	Y				Y	Y			Y															
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	3-Methylfluoranthene/ Benzo[a]fluorene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	5,6-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	7-Methylbenzo[a]pyrene	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	9,4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																Y														
PAH	Acenaphthene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y						Y	Y			Y	Y		Y															
PAH	Acenaphthylene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																	
PAH		SGS AXYS MLA-021	MLA-021					Y		Y						Y	Y			Y	Y		Y															
PAH	Anthracene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																	
PAH		SGS AXYS MLA-021	MLA-021					Y		Y						Y	Y			Y	Y		Y															
PAH	Benz[a]anthracene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																	
PAH		SGS AXYS MLA-021	MLA-021					Y		Y						Y	Y			Y	Y		Y															
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																	
PAH		SGS AXYS MLA-021	MLA-021					Y		Y						Y	Y			Y	Y		Y															
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																																			
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																	
PAH		SGS AXYS MLA-021	MLA-02																																			

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Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum										Tissue and Tissue Flora										Urine		Water		Water, Non-Portable										AFF		
				CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDDOE **	ANAB ISO 17025	
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y									Y	Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y									Y	Y				Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y			Y			Y																	
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1628	MLA-908																																					
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y				Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y								Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210																	Y	Y			Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y						Y																	
PCB congeners		EPA 1628	MLA-908							Y										Y																				
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y			Y		Y		Y							Y	Y	Y	Y	Y	Y	Y	Y		
PCB congeners	PCB 101/90/89	SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y																
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y														Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y			Y			Y																	
PCB congeners		EPA 1628	MLA-908							Y													Y																	
PCB congeners	PCB 102 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y				Y		Y								Y	Y	Y	Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y								Y								
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y														Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y																	
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1628	MLA-908							Y																														
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y			Y		Y		Y							Y	Y	Y	Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y								Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210						Y	Y						Y				Y	Y			Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y						Y																	
PCB congeners		EPA 1628	MLA-908							Y										Y																				
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y				Y		Y								Y	Y	Y	Y	Y	Y	Y	Y		
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010																																					
PCB congeners		SGS AXYS MLA-210	MLA-210	Y					Y	Y										Y	Y			Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y						Y																	
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1628	MLA-908							Y																														
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y				Y		Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y																
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y														Y																
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y																	
PCB congeners		EPA 1628	MLA-908							Y																														
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y				Y		Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y			Y																
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210							Y														Y																
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y						Y																	
PCB congeners		EPA 1628	MLA-908							Y																														
PCB congeners		EPA 1668	MLA-010							Y	Y			Y	Y	Y	Y			Y		Y																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum												Tissue and Tissue Flora												Urine	Water	Water, Non-Portable	AFF							
				CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDDOE **	ANAB ISO 17025	
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y	Y	Y	Y	Y	Y			Y	Y																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y						Y										Y	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y	Y																	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y	Y																	
PCB congeners	PCB 111 3,3'-Dichlorobiphenyl	EPA 1628	MLA-908																																			
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210							Y										Y	Y																	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y																												
PCB congeners		EPA 1628	MLA-908																																			
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y																						
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1628	MLA-908																																			
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210						Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y																												
PCB congeners		EPA 1628	MLA-908							Y																												
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-007	MLA-007						Y											Y																		
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y										Y	Y																	
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	SGS AXYS MLA-908	MLA-908							Y																												
PCB congeners		EPA 1628	MLA-908							Y																												
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	SGS AXYS MLA-210	MLA-210						Y	Y																												
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y																		
PCB congeners		EPA 1628	MLA-908							Y																												
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y																												
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y																		
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1628	MLA-908							Y																												
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y					Y	Y										Y	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y																												
PCB congeners	PCB congeners	SGS AXYS MLA-908	MLA-908							Y										Y																		
PCB congeners		EPA 1628	MLA-908							Y																												

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum										Tissue and Tissue Flora										Urine			Water			Water, Non-Portable	AFF									
				CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoDDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDDOE **	ANAB ISO 17025	
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y			Y				Y							Y	Y		Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																	Y																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y					Y	Y				
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y				Y							Y						Y	Y			
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y				Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y						Y	Y			
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y				Y	Y	Y	Y			Y			Y								Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y				Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 131 2,2',3,3',4,6-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																					
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 134 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 1628	MLA-908					Y											Y											Y										
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y		Y														
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y			Y			Y								Y	Y		Y	Y	Y	Y	Y			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y		Y				Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y						Y				Y		Y									Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908					Y							Y	Y			Y		Y									Y			Y	Y	Y	Y	Y			
PCB congeners		EPA 162																																						

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Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum												Tissue and Tissue Flora														Urine			Water			AFF				
				CALA	Alaska DEC	ANAB DoDIDOE **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoDIDOE **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoDIDOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDIDOE **	ANAB ISO 17025	
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y						Y	Y		Y	Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y					Y		Y																	
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1628	MLA-908							Y																														
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners		EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y					Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners	PCB 148 2,2',3,4',5-Hexachlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners		EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y					Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners		EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y					Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners	PCB 149/139	SGS AXYS MLA-010	MLA-010						Y	Y									Y	Y				Y																
PCB congeners		SGS AXYS MLA-210	MLA-210						Y	Y												Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y				Y																				
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners		EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y					Y		Y									Y	Y	Y	Y	Y	Y			
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010						Y	Y			Y	Y	Y	Y					Y		Y																	
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y										Y	Y				Y																
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y																		
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y						Y																		
PCB congeners		EPA 1628	MLA-908						Y												Y																			

[illegible]

Accreditation Scope			
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1628 EPA 1668 EPA 8270E SGS AXYS MLA-010 SGS AXYS MLA-007 SGS AXYS MLA-210 SGS AXYS MLA-908	MLA-908 MLA-010 MLA-007 MLA-010 MLA-007 MLA-210 MLA-908

Accreditation Scope				SGS AXYS Analytical Services Ltd.																										
file ref.: ACC-103 Rev. 73																														
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids	Alaska DEC	Alaska DEC	ANAB DoD DOE **	ANAB ISO 17025	California	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	Tissue and Tissue Flora	ANAB DoD DOE **	ANAB ISO 17025	California	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	Washington DE *	ANAB DoD DOE **	ANAB ISO 17025	AFF
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010																											
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y		Y		Y								Y	Y				Y			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y												Y	Y				Y			
PCB congeners		SGS AXYS MLA-908	MLA-908									Y					Y						Y			Y				
PCB congeners		EPA 1628	MLA-908									Y											Y							
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-007	MLA-007							Y																				
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010									Y	Y		Y	Y	Y	Y				Y			Y	Y		Y	Y	Y
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y												Y	Y				Y			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y														Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y						Y			Y		Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908									Y					Y	Y					Y			Y		Y	Y	Y
PCB congeners		EPA 1628	MLA-908									Y											Y							
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010									Y	Y		Y	Y	Y	Y				Y			Y	Y		Y	Y	Y
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y												Y	Y				Y			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y																						
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y													Y			Y		Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908									Y					Y	Y					Y			Y		Y	Y	Y
PCB congeners		EPA 1628	MLA-908									Y											Y							
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010									Y	Y		Y	Y	Y	Y					Y			Y	Y		Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y												Y	Y				Y			
PCB congeners		SGS AXYS MLA-210																												

Accreditation Scope			
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 35 3,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 36 3,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 38 3,4,5'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 39 3,4',5'-Trichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 8270E	MLA-007
PCB congeners		EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007

Accreditation Scope																												
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73																												
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum Solids	Alaska DEC	ANAB DoD DOE **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	Tissue and Tissue Flora	ANAB DoD DOE **	ANAB ISO 17025	California WB	Florida DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD DOE **	AFF
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y									Y	Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y													Y							
PCB congeners		SGS AXYS MLA-908	MLA-908						Y					Y	Y						Y			Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908						Y												Y							
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y										Y										
PCB congeners	PCB 43 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010						Y	Y		Y	Y	Y	Y						Y	Y		Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y									Y	Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y						Y								Y		Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908						Y					Y	Y						Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908						Y												Y							
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010						Y	Y		Y	Y	Y	Y						Y	Y		Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y									Y	Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y																Y				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y	Y													Y		Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908						Y					Y	Y						Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908						Y												Y							
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010						Y	Y		Y	Y	Y	Y						Y	Y		Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																									
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y	Y									Y	Y									

Accreditation Scope																														
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73																														
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum Solids	Alaska DEC	Alaska DEC ANAB DoDDOE **	ANAB ISO 17025	California WB	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	Tissue and Tissue Flora	ANAB DoDDOE **	ANAB ISO 17025	California WB	Florida DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoDDOE **	AFFF	ANAB ISO 17025
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y														
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y									Y	Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y				Y	Y				Y	Y			Y	Y	Y	Y	Y	Y		
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1628	MLA-908							Y																				
PCB congeners		EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y														
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y									Y	Y					Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y				Y	Y				Y	Y				Y	Y	Y	Y	Y	Y	
PCB congeners	PCB 52/73	EPA 1628	MLA-908							Y																				
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-007	MLA-007					Y																						
PCB congeners		EPA 1668	MLA-010							Y	Y								Y							Y	Y	Y	Y	Y
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y																			
PCB congeners		EPA 8270E	MLA-007																											
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y									Y						Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y			Y						Y	Y	Y	Y	Y	
PCB congeners	PCB 54 2,2',6,6'-Tetr																													

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SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 8/5	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 83/108	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 85/120	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007
PCB congeners		SGS AXYS MLA-007	MLA-007
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010
PCB congeners		SGS AXYS MLA-010	MLA-010
PCB congeners		SGS AXYS MLA-210	MLA-210
PCB congeners		SGS AXYS MLA-908	MLA-908
PCB congeners		EPA 1628	MLA-908

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Accreditation Scope			
SGS AXYS Analytical Services Ltd. file ref.: ACC-103 Rev. 73			
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID
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Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids	Tissue and Tissue Flora	Urine	Water	Water, Non-Potable	AFFF
				CALA	Alaska DEC ANAB DoD/DOE ** ANAB ISO 17025 CALA California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Virginia DGS Washington DE	ANAB DoD/DOE ** ANAB ISO 17025 CALA Florida DOH Minnesota DOH New Jersey DEP Virginia DGS	CALA	CALA	Alaska DEC ANAB DoD/DOE ** ANAB ISO 17025 California WB Florida DOH Maine DOH Minnesota DOH New Jersey DEP New York DOH Pennsylvania DEP Virginia DGS Washington DE *	ANAB DoD/DOE ** ANAB ISO 17025
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorooheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorooheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluorotridecanoate (PFTriDA)	SGS AXYS MLA-111	MLA-111		Y			Y		
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111		Y			Y		
AO	6PPD-Quinone	SGS AXYS MLA-118	MLA-118					Y		
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.									
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15; US DoD/DOE QSM 5.4 and 6.0 table B-24									

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 73

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Y	Accreditation scope
AFF	Aqueous film forming foam
AO	Antiozonants
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

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