CFA | Cape Fear Analytical LLC
an affiliate of The GEL Group INC

3306 Kitty Hawk Road, Suite 120 Wilmington, NC 28405
P 910.795.0421
www.capefearanalytical.com

March 31, 2026

Steffany Aguilar
Farallon Consulting
1901 Harrison Street
Suite 1100
Oakland, California 94612-3648

Re: Project HERE
Work Order: 24987

Dear Steffany Aguilar:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 04, 2026. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421.

Sincerely,

Cynde Larkins

Cynde Larkins
Project Manager

Enclosures

Page: _____ of _____
Project #:
CFA Quote #: _____
COC Number (1): _____
PO Number:

Cape Fear Analytical, LLC
Chain of Custody and Analytical Request

CFA Work Order Number: 24987

Cape Fear Analytical, LLC
3306 Kitty Hawk Rd. Suite 120
Wilmington, NC 28405
Phone: (910) 795-0421

Client Name: Farallon Consuling Phone #:

Project/Site Name: Project HERE Mussel Sampling Fax #: PN 3737-001

Address: 1901 Harrison Street Suite 1100 Oakland, CA 94612-3648

Collected by: JADE, KATIE, LESLIE Send Results To: See full list in remarks

Sample Analysis Requested (5) (Fill in the number of containers for each test)

Sample ID (* For composites - indicate start and stop date/time)	*Date Collected (mm-dd-yy)	*Time Collected (Military) (hhmm)	QC Code (2)	Field Filtered (3)	Sample Matrix (4)	Total number of containers	Analysis: EPA 1613 Dioxins and Furans FULL LIST; PCBs FULL 209 LIST and WHO-12	<-- Preservative Type (6)	Comments
SOLDIER BAY SOUTH	2/25/26	1415		No	T			Lab Homogenize	Note: extra sample is required for sample specific QC
SOLDIER BAY NORTH	2/27/26	1502		No	T			Lab Homogenize	
BEUTEL POINT	2/26/26	1301		No	T			Lab Homogenize	

TAT Requested: Normal: X Rush: _____ Specify: _____ (Subject to Surcharge) Fax Results: Yes / No Circle Deliverable: C of A / QC Summary / Level 1 / Level 2 / Level 3 / Level 4

Remarks: *Are there any known hazards applicable to these samples? If so, please list the hazards*
saguilar@farallonconsulting.com, project-here@mcn.org, kashiwa@mcn.org, jade@mcn.org, katie.tehaar@humboldt.edu
Report lowest level achievable

Sample Collection Time Zone: Eastern / Central / Mountain / Pacific / Other _____

Chain of Custody Signatures

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1	J. Tibbett	3/2	12:30	Courier Packages Fort Bragg CA		
2	FedEx			Cyndie Larkins	04MAR26	1144
3						

Sample Shipping and Delivery Details

CFA PM:
Method of Shipment: FEDEX Date Shipped: 3/2/26
Airbill #:
Airbill #:

1.) Chain of Custody Number = Client Determined
2.) QC Codes: N = Normal Sample, TB = Trip Blank, FD = Field Duplicate, EB = Equipment Blank, MS = Matrix Spike Sample, MSD = Matrix Spike Duplicate Sample, G = Grab, C = Composite
3.) Field Filtered: For liquid matrices, indicate with a- Y - for yes the sample was field filtered or- N - for sample was not field filtered.
4.) Matrix Codes: DW=Drinking Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, W=Water, ML=Misc Liquid, SO=Soil, SD=Sediment, SL=Sludge, SS=Solid Waste, O=Oil, F=Filter, P=Wipe, U=Urine, F=Fecal, N=Nasal
5.) Sample Analysis Requested: Analytical method requested (i.e.8290B, 1668B) and number of containers provided for each (i.e. 8290B - 3, 1668B - 1).
6.) Preservative Type: HA = Hydrochloric Acid, NI = Nitric Acid, SH = Sodium Hydroxide, SA = Sulfuric Acid, AA = Ascorbic Acid, HX = Hexane, ST = Sodium Thiosulfate, If no preservative is added = leave field blank

WHITE = LABORATORY YELLOW = FILE PINK = CLIENT

For Lab Receiving Use Only
Custody Seal Intact? YES / NO
Cooler Temp: 6.0 C

SAMPLE RECEIPT CHECKLIST

Cape Fear Analytical

Client:	Work Order: 24987
Shipping Company: FedEx	Date/Time Received: 04MAR26 1144

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			✓
Samples identified as Foreign Soil?			✓

IR Gun used:
☒ 34290478WS
☐ 58892402MV

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?		✓	
Samples < 2x background?		✓	

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			✓

Air Witness: _____

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other(describe)
2	Custody seal/s present on cooler?	✓			Seal intact? (Yes) No
3	Chain of Custody documents included with shipment?	✓			
4	Samples requiring cold preservation within 0-6°C?	✓			Preservation Method: Temperature Blank present: Yes (No) ice bags (loose ice) blue ice dry ice none other (describe) 6.0° + 0.0 (plastic offset) = 6.0° C
5	Aqueous samples found to have visible solids?		✓		Sample IDs, containers affected:
5	Samples requiring chemical preservation at proper pH?		✓		Sample IDs, containers affected and pH observed: If preservative added, Lot#:
7	Samples requiring preservation have no residual chlorine?		✓		Sample IDs, containers affected: If preservative added, Lot#:
8	Samples received within holding time?	✓			Sample IDs, tests affected:
9	Sample IDs on COC match IDs on containers?	✓			Sample IDs, containers affected:
10	Date & time of COC match date & time on containers?			✓	Sample IDs, containers affected: Bruhel Point label has time as 1338, COC has 1301
11	Number of containers received match number indicated on COC?	✓			List type and number of containers / Sample IDs, containers affected: 3 ziptop bags, 1 per sample
12	COC form is properly signed in relinquished/received sections?	✓			

Comments:

Checklist performed by: Initials: CJ Date: 04MAR26

CF-UD-F-7

High Resolution Dioxins and Furans Analysis

Case Narrative

HDOX Case Narrative
Farallon Consulting (FARA)
SDG 24987

Method/Analysis Information

Product:	**Dioxins/Furans by EPA Method 1613B in Tissues**
Analytical Method:	EPA Method 1613B
Extraction Method:	SW846 3540C
Analytical Batch Number:	65236
Clean Up Batch Number:	65235
Extraction Batch Number:	65234
Lipids Batch Number:	65257

Sample Analysis

Samples were received within temperature requirements at 6.0 °C.
(24987001,24987002,24987003).
The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
12041949	Method Blank (MB)
12041950	Laboratory Control Sample (LCS)
12041951	Laboratory Control Sample Duplicate (LCSD)
12041952	24987001(SOLDIER BAY SOUTH) Matrix Spike (MS)
12041953	24987001(SOLDIER BAY SOUTH) Matrix Spike Duplicate (MSD)
24987001	SOLDIER BAY SOUTH
24987002	SOLDIER BAY NORTH
24987003	BRUHEL POINT

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 23.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration
All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CVS) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
Sample 24987001 (SOLDIER BAY SOUTH) was selected for analysis as the matrix spike and matrix spike duplicate.

Matrix Spike (MS) Recovery Statement
The MS recoveries were within the established acceptance limits.

Matrix Spike Duplicate (MSD) Recovery Statement
The MSD recoveries were within the established acceptance limits.

MS/MSD Relative Percent Difference (RPD) Statement
The RPD(s) between the MS and MSD met the acceptance limits.

Technical Information

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and

time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
Homogenization Information: from logbook, batch 65177: Samples in WO 24987 are mussel samples and were received in their shells. Using a clean shucking knife, each group of mussels were shucked and transferred to a clean and labeled 500mL amber jar. Shucking knives were cleaned between each sample group per SOP glassware washing procedures. Shells were returned to original zip lock bag for preservation. The mussel tissue was homogenized using a cutting board and knife. Cutting board and knife cleaned in between homogenizing each group of mussel samples per SOP glassware washing procedures. Aliquot includes mussel tissue only, no shell.

Percent Lipid determination was performed on the associated tissue samples in batch 65257. Lipid results can be found in the logbook section of the Level 3 package.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Manual Integrations
Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

System Configuration
This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP763_1	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Sample Data Summary

Cape Fear Analytical, LLC
3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report
for

FARA001 Farallon Consulting

Client SDG: 24987 CFA Work Order: 24987

The Qualifiers in this report are defined as follows:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
B The target analyte was detected in the associated blank.
* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a surrogate compound
K Estimated Maximum Possible Concentration

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature:  **Name: Erin Suhrie**

Date: 31 MAR 2026 **Title: Data Validator**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 14:10**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.8 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.0794	pg/g	0.0794	0.926
40321-76-4	1,2,3,7,8-PeCDD	U	0.0637	pg/g	0.0637	4.63
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.0952	pg/g	0.0952	4.63
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.0902	pg/g	0.0902	4.63
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.0917	pg/g	0.0917	4.63
35822-46-9	1,2,3,4,6,7,8-HpCDD	BJ	0.843	pg/g	0.211	4.63
3268-87-9	1,2,3,4,6,7,8,9-OCDD	BJ	5.44	pg/g	0.138	9.26
51207-31-9	2,3,7,8-TCDF	J	0.285	pg/g	0.141	0.926
57117-41-6	1,2,3,7,8-PeCDF	U	0.0676	pg/g	0.0676	4.63
57117-31-4	2,3,4,7,8-PeCDF	U	0.0639	pg/g	0.0639	4.63
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.0526	pg/g	0.0526	4.63
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.0515	pg/g	0.0515	4.63
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.0576	pg/g	0.0576	4.63
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.0754	pg/g	0.0754	4.63
67562-39-4	1,2,3,4,6,7,8-HpCDF	BJ	0.187	pg/g	0.0554	4.63
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	0.0765	pg/g	0.0765	4.63
39001-02-0	1,2,3,4,6,7,8,9-OCDF	BJ	0.391	pg/g	0.137	9.26
41903-57-5	Total TeCDD	U	0.0794	pg/g	0.0794	0.926
36088-22-9	Total PeCDD	U	0.0637	pg/g	0.0637	4.63
34465-46-8	Total HxCDD	U	0.0902	pg/g	0.0902	4.63
37871-00-4	Total HpCDD	BJ	1.45	pg/g	0.211	4.63
30402-14-3	Total TeCDF	JK	0.474	pg/g	0.141	0.926
30402-15-4	Total PeCDF	U	0.0413	pg/g	0.0413	4.63
55684-94-1	Total HxCDF	BJ	0.165	pg/g	0.0515	4.63
38998-75-3	Total HpCDF	BJ	0.365	pg/g	0.0554	4.63
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.0406	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.149	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		153	185	pg/g	82.6	(25%-164%)
13C-1,2,3,7,8-PeCDD		135	185	pg/g	73.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		129	185	pg/g	69.7	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		143	185	pg/g	77.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		140	185	pg/g	75.5	(23%-140%)
13C-OCDD		345	370	pg/g	93.2	(17%-157%)
13C-2,3,7,8-TCDF		141	185	pg/g	76.1	(24%-169%)
13C-1,2,3,7,8-PeCDF		134	185	pg/g	72.1	(24%-185%)
13C-2,3,4,7,8-PeCDF		133	185	pg/g	72.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		127	185	pg/g	68.8	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		140	185	pg/g	75.7	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		135	185	pg/g	73.0	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		138	185	pg/g	74.6	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 14:10**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.8 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		133	185	pg/g	71.7	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		138	185	pg/g	74.5	(26%-138%)
37Cl-2,3,7,8-TCDD		18.2	18.5	pg/g	98.4	(35%-197%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**
J **Value is estimated**
B **The target analyte was detected in the associated blank.**
K **Estimated Maximum Possible Concentration**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 16:37**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-8**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.102	pg/g	0.102	0.920
40321-76-4	1,2,3,7,8-PeCDD	U	0.0789	pg/g	0.0789	4.60
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.123	pg/g	0.123	4.60
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.122	pg/g	0.122	4.60
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.121	pg/g	0.121	4.60
35822-46-9	1,2,3,4,6,7,8-HpCDD	BJ	0.552	pg/g	0.232	4.60
3268-87-9	1,2,3,4,6,7,8,9-OCDD	BJ	2.89	pg/g	0.204	9.20
51207-31-9	2,3,7,8-TCDF	J	0.193	pg/g	0.160	0.920
57117-41-6	1,2,3,7,8-PeCDF	U	0.0730	pg/g	0.0730	4.60
57117-31-4	2,3,4,7,8-PeCDF	U	0.0684	pg/g	0.0684	4.60
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.0795	pg/g	0.0795	4.60
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.0764	pg/g	0.0764	4.60
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.0797	pg/g	0.0797	4.60
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.117	pg/g	0.117	4.60
67562-39-4	1,2,3,4,6,7,8-HpCDF	BJ	0.217	pg/g	0.109	4.60
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	0.147	pg/g	0.147	4.60
39001-02-0	1,2,3,4,6,7,8,9-OCDF	BJ	0.486	pg/g	0.213	9.20
41903-57-5	Total TeCDD	U	0.102	pg/g	0.102	0.920
36088-22-9	Total PeCDD	U	0.0789	pg/g	0.0789	4.60
34465-46-8	Total HxCDD	U	0.121	pg/g	0.121	4.60
37871-00-4	Total HpCDD	BJK	1.16	pg/g	0.232	4.60
30402-14-3	Total TeCDF	J	0.193	pg/g	0.160	0.920
30402-15-4	Total PeCDF	U	0.0642	pg/g	0.0642	4.60
55684-94-1	Total HxCDF	BJK	0.156	pg/g	0.0764	4.60
38998-75-3	Total HpCDF	BJK	0.523	pg/g	0.109	4.60
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.0280	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.167	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		155	184	pg/g	84.4	(25%-164%)
13C-1,2,3,7,8-PeCDD		140	184	pg/g	76.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		137	184	pg/g	74.5	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		148	184	pg/g	80.4	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		144	184	pg/g	78.4	(23%-140%)
13C-OCDD		359	368	pg/g	97.6	(17%-157%)
13C-2,3,7,8-TCDF		144	184	pg/g	78.2	(24%-169%)
13C-1,2,3,7,8-PeCDF		135	184	pg/g	73.5	(24%-185%)
13C-2,3,4,7,8-PeCDF		139	184	pg/g	75.4	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		132	184	pg/g	71.8	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		142	184	pg/g	77.1	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		139	184	pg/g	75.7	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		138	184	pg/g	74.8	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 16:37**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-8**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		136	184	pg/g	73.8	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		146	184	pg/g	79.3	(26%-138%)
37Cl-2,3,7,8-TCDD		17.4	18.4	pg/g	94.7	(35%-197%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**
J **Value is estimated**
B **The target analyte was detected in the associated blank.**
K **Estimated Maximum Possible Concentration**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 17:26**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-9**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.86 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.148	pg/g	0.148	0.921
40321-76-4	1,2,3,7,8-PeCDD	U	0.0904	pg/g	0.0904	4.60
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.145	pg/g	0.145	4.60
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.140	pg/g	0.140	4.60
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.141	pg/g	0.141	4.60
35822-46-9	1,2,3,4,6,7,8-HpCDD	BJK	0.418	pg/g	0.265	4.60
3268-87-9	1,2,3,4,6,7,8,9-OCDD	BJ	3.14	pg/g	0.451	9.21
51207-31-9	2,3,7,8-TCDF	U	0.172	pg/g	0.172	0.921
57117-41-6	1,2,3,7,8-PeCDF	U	0.0816	pg/g	0.0816	4.60
57117-31-4	2,3,4,7,8-PeCDF	U	0.0751	pg/g	0.0751	4.60
70648-26-9	1,2,3,4,7,8-HxCDF	U	0.0834	pg/g	0.0834	4.60
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.0766	pg/g	0.0766	4.60
60851-34-5	2,3,4,6,7,8-HxCDF	U	0.0821	pg/g	0.0821	4.60
72918-21-9	1,2,3,7,8,9-HxCDF	U	0.120	pg/g	0.120	4.60
67562-39-4	1,2,3,4,6,7,8-HpCDF	BJK	0.116	pg/g	0.0779	4.60
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	0.117	pg/g	0.117	4.60
39001-02-0	1,2,3,4,6,7,8,9-OCDF	U	0.184	pg/g	0.184	9.21
41903-57-5	Total TeCDD	U	0.148	pg/g	0.148	0.921
36088-22-9	Total PeCDD	U	0.0904	pg/g	0.0904	4.60
34465-46-8	Total HxCDD	JK	0.186	pg/g	0.140	4.60
37871-00-4	Total HpCDD	BJK	0.418	pg/g	0.265	4.60
30402-14-3	Total TeCDF	U	0.172	pg/g	0.172	0.921
30402-15-4	Total PeCDF	U	0.0751	pg/g	0.0751	4.60
55684-94-1	Total HxCDF	U	0.0766	pg/g	0.0766	4.60
38998-75-3	Total HpCDF	BJK	0.116	pg/g	0.0779	4.60
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.00628	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.187	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		163	184	pg/g	88.5	(25%-164%)
13C-1,2,3,7,8-PeCDD		149	184	pg/g	80.7	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		141	184	pg/g	76.7	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		147	184	pg/g	80.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		147	184	pg/g	79.6	(23%-140%)
13C-OCDD		386	368	pg/g	105	(17%-157%)
13C-2,3,7,8-TCDF		151	184	pg/g	82.2	(24%-169%)
13C-1,2,3,7,8-PeCDF		143	184	pg/g	77.5	(24%-185%)
13C-2,3,4,7,8-PeCDF		149	184	pg/g	80.8	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		128	184	pg/g	69.7	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		151	184	pg/g	82.1	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		148	184	pg/g	80.3	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		146	184	pg/g	79.4	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 17:26**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-9**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.86 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		139	184	pg/g	75.2	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		151	184	pg/g	81.8	(26%-138%)
37Cl-2,3,7,8-TCDD		17.2	18.4	pg/g	93.3	(35%-197%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**
J **Value is estimated**
B **The target analyte was detected in the associated blank.**
K **Estimated Maximum Possible Concentration**

Quality Control Summary

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12041950	LCS for batch 65234	13C-2,3,7,8-TCDD		88.0	(20%-175%)
		13C-1,2,3,7,8-PeCDD		80.2	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		75.2	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		80.3	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		78.3	(22%-166%)
		13C-OCDD		73.6	(13%-199%)
		13C-2,3,7,8-TCDF		84.0	(22%-152%)
		13C-1,2,3,7,8-PeCDF		80.2	(21%-192%)
		13C-2,3,4,7,8-PeCDF		80.4	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		75.4	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		79.1	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		78.5	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		80.9	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		77.2	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		81.1	(20%-186%)
		37Cl-2,3,7,8-TCDD		102	(31%-191%)
12041951	LCSD for batch 65234	13C-2,3,7,8-TCDD		88.2	(20%-175%)
		13C-1,2,3,7,8-PeCDD		81.1	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		77.4	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		83.8	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		78.2	(22%-166%)
		13C-OCDD		71.9	(13%-199%)
		13C-2,3,7,8-TCDF		83.8	(22%-152%)
		13C-1,2,3,7,8-PeCDF		77.1	(21%-192%)
		13C-2,3,4,7,8-PeCDF		78.8	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		77.3	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		83.6	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		79.7	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		81.7	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		77.1	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		77.4	(20%-186%)
		37Cl-2,3,7,8-TCDD		100	(31%-191%)
12041949	MB for batch 65234	13C-2,3,7,8-TCDD		81.6	(25%-164%)
		13C-1,2,3,7,8-PeCDD		72.8	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		70.4	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		86.3	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		74.0	(23%-140%)
		13C-OCDD		68.1	(17%-157%)
		13C-2,3,7,8-TCDF		81.2	(24%-169%)
		13C-1,2,3,7,8-PeCDF		75.2	(24%-185%)
		13C-2,3,4,7,8-PeCDF		78.4	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		73.4	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		89.0	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		83.8	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		80.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		77.9	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		76.1	(26%-138%)
		37Cl-2,3,7,8-TCDD		91.5	(35%-197%)
24987001	SOLDIER BAY SOUTH	13C-2,3,7,8-TCDD		82.6	(25%-164%)

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
24987001	SOLDIER BAY SOUTH	13C-1,2,3,7,8-PeCDD		73.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		69.7	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		77.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		75.5	(23%-140%)
		13C-OCDD		93.2	(17%-157%)
		13C-2,3,7,8-TCDF		76.1	(24%-169%)
		13C-1,2,3,7,8-PeCDF		72.1	(24%-185%)
		13C-2,3,4,7,8-PeCDF		72.1	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		68.8	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		75.7	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		73.0	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		74.6	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		71.7	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		74.5	(26%-138%)
		37Cl-2,3,7,8-TCDD		98.4	(35%-197%)
12041952	SOLDIER BAY SOUTH(24987001MS)	13C-2,3,7,8-TCDD		85.0	(25%-164%)
		13C-1,2,3,7,8-PeCDD		77.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		74.0	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		77.4	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		74.9	(23%-140%)
		13C-OCDD		92.9	(17%-157%)
		13C-2,3,7,8-TCDF		78.8	(24%-169%)
		13C-1,2,3,7,8-PeCDF		73.6	(24%-185%)
		13C-2,3,4,7,8-PeCDF		76.0	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		68.8	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		80.1	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		75.4	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		76.7	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		71.5	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		75.0	(26%-138%)
		37Cl-2,3,7,8-TCDD		97.8	(35%-197%)
12041953	SOLDIER BAY SOUTH(24987001MSD)	13C-2,3,7,8-TCDD		83.2	(25%-164%)
		13C-1,2,3,7,8-PeCDD		74.0	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		71.2	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		78.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		74.9	(23%-140%)
		13C-OCDD		87.5	(17%-157%)
		13C-2,3,7,8-TCDF		77.6	(24%-169%)
		13C-1,2,3,7,8-PeCDF		72.7	(24%-185%)
		13C-2,3,4,7,8-PeCDF		73.1	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		66.6	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		80.7	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		75.5	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		75.1	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		70.4	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		73.0	(26%-138%)
		37Cl-2,3,7,8-TCDD		91.0	(35%-197%)
24987002	SOLDIER BAY NORTH	13C-2,3,7,8-TCDD		84.4	(25%-164%)
		13C-1,2,3,7,8-PeCDD		76.1	(25%-181%)

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
24987002	SOLDIER BAY NORTH	13C-1,2,3,4,7,8-HxCDD		74.5	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		80.4	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		78.4	(23%-140%)
		13C-OCDD		97.6	(17%-157%)
		13C-2,3,7,8-TCDF		78.2	(24%-169%)
		13C-1,2,3,7,8-PeCDF		73.5	(24%-185%)
		13C-2,3,4,7,8-PeCDF		75.4	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		71.8	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		77.1	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		75.7	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		74.8	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		73.8	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		79.3	(26%-138%)
		37Cl-2,3,7,8-TCDD		94.7	(35%-197%)
24987003	BRUHEL POINT	13C-2,3,7,8-TCDD		88.5	(25%-164%)
		13C-1,2,3,7,8-PeCDD		80.7	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		76.7	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		80.0	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		79.6	(23%-140%)
		13C-OCDD		105	(17%-157%)
		13C-2,3,7,8-TCDF		82.2	(24%-169%)
		13C-1,2,3,7,8-PeCDF		77.5	(24%-185%)
		13C-2,3,4,7,8-PeCDF		80.8	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		69.7	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		82.1	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		80.3	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		79.4	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		75.2	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		81.8	(26%-138%)
		37Cl-2,3,7,8-TCDD		93.3	(35%-197%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Laboratory Control Sample

Client ID: LCS for batch 65234 **Matrix:** TISSUE

Lab Sample ID: 12041950

Instrument: HRP763 **Analysis Date:** 03/17/2026 11:43 **Dilution:** 1

Analyst: MW3 **Prep Batch ID:** 65234

Batch ID: 65236

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	20.0	19.3	96.4	67-158
40321-76-4	LCS	1,2,3,7,8-PeCDD	100	104	104	70-142
39227-28-6	LCS	1,2,3,4,7,8-HxCDD	100	107	107	70-164
57653-85-7	LCS	1,2,3,6,7,8-HxCDD	100	104	104	76-134
19408-74-3	LCS	1,2,3,7,8,9-HxCDD	100	109	109	64-162
35822-46-9	LCS	1,2,3,4,6,7,8-HpCDD	100	102	102	70-140
3268-87-9	LCS	1,2,3,4,6,7,8,9-OCDD	200	196	97.9	78-144
51207-31-9	LCS	2,3,7,8-TCDF	20.0	21.0	105	75-158
57117-41-6	LCS	1,2,3,7,8-PeCDF	100	102	102	80-134
57117-31-4	LCS	2,3,4,7,8-PeCDF	100	107	107	68-160
70648-26-9	LCS	1,2,3,4,7,8-HxCDF	100	102	102	72-134
57117-44-9	LCS	1,2,3,6,7,8-HxCDF	100	101	101	84-130
60851-34-5	LCS	2,3,4,6,7,8-HxCDF	100	99.9	99.9	70-156
72918-21-9	LCS	1,2,3,7,8,9-HxCDF	100	96.2	96.2	78-130
67562-39-4	LCS	1,2,3,4,6,7,8-HpCDF	100	98.7	98.7	82-122
55673-89-7	LCS	1,2,3,4,7,8,9-HpCDF	100	97.3	97.3	78-138
39001-02-0	LCS	1,2,3,4,6,7,8,9-OCDF	200	203	101	63-170

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Laboratory Control Sample Duplicate

Client ID: LCSD for batch 65234 **Matrix:** TISSUE

Lab Sample ID: 12041951

Instrument: HRP763 **Analysis Date:** 03/17/2026 12:32 **Dilution:** 1

Analyst: MW3 **Prep Batch ID:** 65234

Batch ID: 65236

CAS No.		Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	20.0	18.9	94.7	67-158	1.72	0-20
40321-76-4	LCSD	1,2,3,7,8-PeCDD	100	100	100	70-142	3.71	0-20
39227-28-6	LCSD	1,2,3,4,7,8-HxCDD	100	106	106	70-164	1.06	0-20
57653-85-7	LCSD	1,2,3,6,7,8-HxCDD	100	102	102	76-134	1.67	0-20
19408-74-3	LCSD	1,2,3,7,8,9-HxCDD	100	104	104	64-162	3.83	0-20
35822-46-9	LCSD	1,2,3,4,6,7,8-HpCDD	100	99.0	99	70-140	3.21	0-20
3268-87-9	LCSD	1,2,3,4,6,7,8,9-OCDD	200	195	97.4	78-144	0.451	0-20
51207-31-9	LCSD	2,3,7,8-TCDF	20.0	20.6	103	75-158	1.69	0-20
57117-41-6	LCSD	1,2,3,7,8-PeCDF	100	104	104	80-134	1.76	0-20
57117-31-4	LCSD	2,3,4,7,8-PeCDF	100	104	104	68-160	3.06	0-20
70648-26-9	LCSD	1,2,3,4,7,8-HxCDF	100	99.1	99.1	72-134	2.91	0-20
57117-44-9	LCSD	1,2,3,6,7,8-HxCDF	100	98.5	98.5	84-130	2.24	0-20
60851-34-5	LCSD	2,3,4,6,7,8-HxCDF	100	99.4	99.4	70-156	0.540	0-20
72918-21-9	LCSD	1,2,3,7,8,9-HxCDF	100	94.6	94.6	78-130	1.76	0-20
67562-39-4	LCSD	1,2,3,4,6,7,8-HpCDF	100	98.6	98.6	82-122	0.0629	0-20
55673-89-7	LCSD	1,2,3,4,7,8,9-HpCDF	100	97.6	97.6	78-138	0.353	0-20
39001-02-0	LCSD	1,2,3,4,6,7,8,9-OCDF	200	205	103	63-170	1.11	0-20

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Matrix Spike

Client ID: SOLDIER BAY SOUTH(24987001MS) **Matrix:** TISSUE

Lab Sample ID: 12041952

Instrument: HRP763 **Analysis Date:** 03/17/2026 14:59 **Dilution:** 1

Analyst: MW3 **Prep Batch ID:** 65234

Batch ID: 65236

CAS No.		Parmname		Sample Conc. pg/g	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	MS	2,3,7,8-TCDD	U	0.000	18.5	17.4	94.3	70-130
40321-76-4	MS	1,2,3,7,8-PeCDD	U	0.000	92.5	89.8	97.1	70-130
39227-28-6	MS	1,2,3,4,7,8-HxCDD	U	0.000	92.5	95.6	103	70-130
57653-85-7	MS	1,2,3,6,7,8-HxCDD	U	0.000	92.5	94.1	102	70-130
19408-74-3	MS	1,2,3,7,8,9-HxCDD	U	0.000	92.5	99.3	107	70-130
35822-46-9	MS	1,2,3,4,6,7,8-HpCDD	BJ	0.843	92.5	92.5	99.1	70-130
3268-87-9	MS	1,2,3,4,6,7,8,9-OCDD	BJ	5.44	185	183	95.9	70-130
51207-31-9	MS	2,3,7,8-TCDF	J	0.285	18.5	19.4	103	70-130
57117-41-6	MS	1,2,3,7,8-PeCDF	U	0.000	92.5	94.4	102	70-130
57117-31-4	MS	2,3,4,7,8-PeCDF	U	0.000	92.5	94.5	102	70-130
70648-26-9	MS	1,2,3,4,7,8-HxCDF	U	0.000	92.5	89.8	97.1	70-130
57117-44-9	MS	1,2,3,6,7,8-HxCDF	U	0.000	92.5	91.2	98.6	70-130
60851-34-5	MS	2,3,4,6,7,8-HxCDF	U	0.000	92.5	90.6	97.9	70-130
72918-21-9	MS	1,2,3,7,8,9-HxCDF	U	0.000	92.5	86.2	93.2	70-130
67562-39-4	MS	1,2,3,4,6,7,8-HpCDF	BJ	0.187	92.5	92.1	99.4	70-130
55673-89-7	MS	1,2,3,4,7,8,9-HpCDF	U	0.000	92.5	91.6	99	70-130
39001-02-0	MS	1,2,3,4,6,7,8,9-OCDF	BJ	0.391	185	188	101	70-130

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Matrix Spike Duplicate

Client ID: SOLDIER BAY SOUTH(24987001MSD) **Matrix:** TISSUE

Lab Sample ID: 12041953

Instrument: HRP763 **Analysis Date:** 03/17/2026 15:48 **Dilution:** 1

Analyst: MW3 **Prep Batch ID:** 65234

Batch ID: 65236

CAS No.		Parmname		Sample Conc. pg/g	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	MSD	2,3,7,8-TCDD	U	0.000	18.5	17.0	91.8	70-130	2.71	0-20
40321-76-4	MSD	1,2,3,7,8-PeCDD	U	0.000	92.4	91.1	98.6	70-130	1.40	0-20
39227-28-6	MSD	1,2,3,4,7,8-HxCDD	U	0.000	92.4	96.5	104	70-130	0.930	0-20
57653-85-7	MSD	1,2,3,6,7,8-HxCDD	U	0.000	92.4	94.3	102	70-130	0.192	0-20
19408-74-3	MSD	1,2,3,7,8,9-HxCDD	U	0.000	92.4	101	109	70-130	1.49	0-20
35822-46-9	MSD	1,2,3,4,6,7,8-HpCDD	BJ	0.843	92.4	89.0	95.4	70-130	3.84	0-20
3268-87-9	MSD	1,2,3,4,6,7,8,9-OCDD	BJ	5.44	185	185	97.2	70-130	1.18	0-20
51207-31-9	MSD	2,3,7,8-TCDF	J	0.285	18.5	18.9	101	70-130	2.43	0-20
57117-41-6	MSD	1,2,3,7,8-PeCDF	U	0.000	92.4	92.2	99.8	70-130	2.36	0-20
57117-31-4	MSD	2,3,4,7,8-PeCDF	U	0.000	92.4	95.0	103	70-130	0.524	0-20
70648-26-9	MSD	1,2,3,4,7,8-HxCDF	U	0.000	92.4	92.6	100	70-130	3.03	0-20
57117-44-9	MSD	1,2,3,6,7,8-HxCDF	U	0.000	92.4	88.7	96	70-130	2.81	0-20
60851-34-5	MSD	2,3,4,6,7,8-HxCDF	U	0.000	92.4	88.3	95.6	70-130	2.51	0-20
72918-21-9	MSD	1,2,3,7,8,9-HxCDF	U	0.000	92.4	85.9	92.9	70-130	0.419	0-20
67562-39-4	MSD	1,2,3,4,6,7,8-HpCDF	BJ	0.187	92.4	91.8	99.1	70-130	0.354	0-20
55673-89-7	MSD	1,2,3,4,7,8,9-HpCDF	U	0.000	92.4	90.4	97.8	70-130	1.30	0-20
39001-02-0	MSD	1,2,3,4,6,7,8,9-OCDF	BJ	0.391	185	186	101	70-130	0.807	0-20

Method Blank Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Matrix:**	**TISSUE**
Client ID:	**MB for batch 65234**	**Instrument ID:**	**HRP763**	**Data File:**	**b17mar26b-4**
Lab Sample ID:	**12041949**	**Prep Date:**	**11-MAR-26**	**Analyzed:**	**03/17/26 13:21**
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 65234	12041950	b17mar26b-2	03/17/26	1143
02	LCSD for batch 65234	12041951	b17mar26b-3	03/17/26	1232
03	SOLDIER BAY SOUTH(24987001MS)	12041952	b17mar26b-6	03/17/26	1459
04	SOLDIER BAY SOUTH(24987001MSD)	12041953	b17mar26b-7	03/17/26	1548
05	SOLDIER BAY SOUTH	24987001	b17mar26b-5	03/17/26	1410
06	SOLDIER BAY NORTH	24987002	b17mar26b-8	03/17/26	1637
07	BRUHEL POINT	24987003	b17mar26b-9	03/17/26	1726

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number: 24987 **Client:** FARA001 **Project:** FARA00126
Lab Sample ID: 12041949 **Matrix:** TISSUE
Client Sample: QC for batch 65234
Client ID: MB for batch 65234 **Prep Basis:** As Received
Batch ID: 65236 **Method:** EPA Method 1613B
Run Date: 03/17/2026 13:21 **Analyst:** MW3 **Instrument:** HRP763
Data File: b17mar26b-4 **Dilution:** 1
Prep Batch: 65234 **Prep Method:** SW846 3540C
Prep Date: 11-MAR-26 **Prep Aliquot:** 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.173	pg/g	0.173	1.00
40321-76-4	1,2,3,7,8-PeCDD	U	0.103	pg/g	0.103	5.00
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.143	pg/g	0.143	5.00
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.141	pg/g	0.141	5.00
19408-74-3	1,2,3,7,8,9-HxCDD	U	0.141	pg/g	0.141	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD	JK	0.336	pg/g	0.258	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD	J	1.00	pg/g	0.480	10.0
51207-31-9	2,3,7,8-TCDF	U	0.236	pg/g	0.236	1.00
57117-41-6	1,2,3,7,8-PeCDF	U	0.145	pg/g	0.145	5.00
57117-31-4	2,3,4,7,8-PeCDF	U	0.131	pg/g	0.131	5.00
70648-26-9	1,2,3,4,7,8-HxCDF	J	0.0920	pg/g	0.0812	5.00
57117-44-9	1,2,3,6,7,8-HxCDF	U	0.0802	pg/g	0.0802	5.00
60851-34-5	2,3,4,6,7,8-HxCDF	JK	0.108	pg/g	0.0824	5.00
72918-21-9	1,2,3,7,8,9-HxCDF	JK	0.142	pg/g	0.127	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF	JK	0.158	pg/g	0.113	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF	U	0.168	pg/g	0.168	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF	JK	0.398	pg/g	0.352	10.0
41903-57-5	Total TeCDD	U	0.173	pg/g	0.173	1.00
36088-22-9	Total PeCDD	U	0.103	pg/g	0.103	5.00
34465-46-8	Total HxCDD	U	0.141	pg/g	0.141	5.00
37871-00-4	Total HpCDD	JK	0.336	pg/g	0.258	5.00
30402-14-3	Total TeCDF	U	0.236	pg/g	0.236	1.00
30402-15-4	Total PeCDF	U	0.131	pg/g	0.131	5.00
55684-94-1	Total HxCDF	JK	0.342	pg/g	0.0802	5.00
38998-75-3	Total HpCDF	JK	0.158	pg/g	0.113	5.00
3333-30-2	TEQ WHO2005 ND=0 with EMPCs		0.0396	pg/g		
3333-30-3	TEQ WHO2005 ND=0.5 with EMPCs		0.237	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		163	200	pg/g	81.6	(25%-164%)
13C-1,2,3,7,8-PeCDD		146	200	pg/g	72.8	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		141	200	pg/g	70.4	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		173	200	pg/g	86.3	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		148	200	pg/g	74.0	(23%-140%)
13C-OCDD		272	400	pg/g	68.1	(17%-157%)
13C-2,3,7,8-TCDF		162	200	pg/g	81.2	(24%-169%)
13C-1,2,3,7,8-PeCDF		150	200	pg/g	75.2	(24%-185%)
13C-2,3,4,7,8-PeCDF		157	200	pg/g	78.4	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		147	200	pg/g	73.4	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		178	200	pg/g	89.0	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		168	200	pg/g	83.8	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		162	200	pg/g	80.8	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041949**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65234**				
Client ID:	**MB for batch 65234**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 13:21**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-4**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF		156	200	pg/g	77.9	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		152	200	pg/g	76.1	(26%-138%)
37Cl-2,3,7,8-TCDD		18.3	20.0	pg/g	91.5	(35%-197%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**
J **Value is estimated**
K **Estimated Maximum Possible Concentration**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number: 24987 **Client:** FARA001 **Project:** FARA00126
Lab Sample ID: 12041950 **Matrix:** TISSUE
Client Sample: QC for batch 65234
Client ID: LCS for batch 65234 **Prep Basis:** As Received
Batch ID: 65236 **Method:** EPA Method 1613B
Run Date: 03/17/2026 11:43 **Analyst:** MW3 **Instrument:** HRP763
Data File: b17mar26b-2 **Dilution:** 1
Prep Batch: 65234 **Prep Method:** SW846 3540C
Prep Date: 11-MAR-26 **Prep Aliquot:** 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		19.3	pg/g	0.186	1.00
40321-76-4	1,2,3,7,8-PeCDD		104	pg/g	0.212	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		107	pg/g	0.326	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		104	pg/g	0.316	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		109	pg/g	0.318	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		102	pg/g	0.686	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		196	pg/g	0.650	10.0
51207-31-9	2,3,7,8-TCDF		21.0	pg/g	0.166	1.00
57117-41-6	1,2,3,7,8-PeCDF		102	pg/g	0.332	5.00
57117-31-4	2,3,4,7,8-PeCDF		107	pg/g	0.318	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		102	pg/g	0.394	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		101	pg/g	0.404	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		99.9	pg/g	0.410	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		96.2	pg/g	0.556	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		98.7	pg/g	0.598	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		97.3	pg/g	0.796	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		203	pg/g	0.808	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		176	200	pg/g	88.0	(20%-175%)
13C-1,2,3,7,8-PeCDD		160	200	pg/g	80.2	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		150	200	pg/g	75.2	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		161	200	pg/g	80.3	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		157	200	pg/g	78.3	(22%-166%)
13C-OCDD		295	400	pg/g	73.6	(13%-199%)
13C-2,3,7,8-TCDF		168	200	pg/g	84.0	(22%-152%)
13C-1,2,3,7,8-PeCDF		160	200	pg/g	80.2	(21%-192%)
13C-2,3,4,7,8-PeCDF		161	200	pg/g	80.4	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		151	200	pg/g	75.4	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		158	200	pg/g	79.1	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		157	200	pg/g	78.5	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		162	200	pg/g	80.9	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		154	200	pg/g	77.2	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		162	200	pg/g	81.1	(20%-186%)
37Cl-2,3,7,8-TCDD		20.4	20.0	pg/g	102	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number: 24987 **Client:** FARA001 **Project:** FARA00126
Lab Sample ID: 12041951 **Matrix:** TISSUE
Client Sample: QC for batch 65234
Client ID: LCSD for batch 65234 **Prep Basis:** As Received
Batch ID: 65236 **Method:** EPA Method 1613B
Run Date: 03/17/2026 12:32 **Analyst:** MW3 **Instrument:** HRP763
Data File: b17mar26b-3 **Dilution:** 1
Prep Batch: 65234 **Prep Method:** SW846 3540C
Prep Date: 11-MAR-26 **Prep Aliquot:** 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		18.9	pg/g	0.183	1.00
40321-76-4	1,2,3,7,8-PeCDD		100	pg/g	0.298	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		106	pg/g	0.368	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		102	pg/g	0.354	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		104	pg/g	0.358	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		99.0	pg/g	0.784	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		195	pg/g	0.970	10.0
51207-31-9	2,3,7,8-TCDF		20.6	pg/g	0.187	1.00
57117-41-6	1,2,3,7,8-PeCDF		104	pg/g	0.314	5.00
57117-31-4	2,3,4,7,8-PeCDF		104	pg/g	0.290	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		99.1	pg/g	0.336	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		98.5	pg/g	0.342	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		99.4	pg/g	0.370	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		94.6	pg/g	0.496	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		98.6	pg/g	0.532	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		97.6	pg/g	0.718	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		205	pg/g	0.980	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		176	200	pg/g	88.2	(20%-175%)
13C-1,2,3,7,8-PeCDD		162	200	pg/g	81.1	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		155	200	pg/g	77.4	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		168	200	pg/g	83.8	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		156	200	pg/g	78.2	(22%-166%)
13C-OCDD		288	400	pg/g	71.9	(13%-199%)
13C-2,3,7,8-TCDF		168	200	pg/g	83.8	(22%-152%)
13C-1,2,3,7,8-PeCDF		154	200	pg/g	77.1	(21%-192%)
13C-2,3,4,7,8-PeCDF		158	200	pg/g	78.8	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		155	200	pg/g	77.3	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		167	200	pg/g	83.6	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		159	200	pg/g	79.7	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		163	200	pg/g	81.7	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		154	200	pg/g	77.1	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		155	200	pg/g	77.4	(20%-186%)
37Cl-2,3,7,8-TCDD		20.0	20.0	pg/g	100	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041952**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65234**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH(24987001MS)**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 14:59**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-6**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		17.4	pg/g	0.174	0.925
40321-76-4	1,2,3,7,8-PeCDD		89.8	pg/g	0.209	4.63
39227-28-6	1,2,3,4,7,8-HxCDD		95.6	pg/g	0.470	4.63
57653-85-7	1,2,3,6,7,8-HxCDD		94.1	pg/g	0.433	4.63
19408-74-3	1,2,3,7,8,9-HxCDD		99.3	pg/g	0.446	4.63
35822-46-9	1,2,3,4,6,7,8-HpCDD		92.5	pg/g	0.847	4.63
3268-87-9	1,2,3,4,6,7,8,9-OCDD		183	pg/g	0.786	9.25
51207-31-9	2,3,7,8-TCDF		19.4	pg/g	0.216	0.925
57117-41-6	1,2,3,7,8-PeCDF		94.4	pg/g	0.396	4.63
57117-31-4	2,3,4,7,8-PeCDF		94.5	pg/g	0.359	4.63
70648-26-9	1,2,3,4,7,8-HxCDF		89.8	pg/g	0.426	4.63
57117-44-9	1,2,3,6,7,8-HxCDF		91.2	pg/g	0.377	4.63
60851-34-5	2,3,4,6,7,8-HxCDF		90.6	pg/g	0.420	4.63
72918-21-9	1,2,3,7,8,9-HxCDF		86.2	pg/g	0.603	4.63
67562-39-4	1,2,3,4,6,7,8-HpCDF		92.1	pg/g	0.670	4.63
55673-89-7	1,2,3,4,7,8,9-HpCDF		91.6	pg/g	0.905	4.63
39001-02-0	1,2,3,4,6,7,8,9-OCDF		188	pg/g	0.646	9.25

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		157	185	pg/g	85.0	(25%-164%)
13C-1,2,3,7,8-PeCDD		143	185	pg/g	77.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		137	185	pg/g	74.0	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		143	185	pg/g	77.4	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		139	185	pg/g	74.9	(23%-140%)
13C-OCDD		344	370	pg/g	92.9	(17%-157%)
13C-2,3,7,8-TCDF		146	185	pg/g	78.8	(24%-169%)
13C-1,2,3,7,8-PeCDF		136	185	pg/g	73.6	(24%-185%)
13C-2,3,4,7,8-PeCDF		141	185	pg/g	76.0	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		127	185	pg/g	68.8	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		148	185	pg/g	80.1	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		140	185	pg/g	75.4	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		142	185	pg/g	76.7	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		132	185	pg/g	71.5	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		139	185	pg/g	75.0	(26%-138%)
37Cl-2,3,7,8-TCDD		18.1	18.5	pg/g	97.8	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041953**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65234**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH(24987001MSD)**			**Prep Basis:**	**As Received**
Batch ID:	**65236**	**Method:**	**EPA Method 1613B**		
Run Date:	**03/17/2026 15:48**	**Analyst:**	**MW3**	**Instrument:**	**HRP763**
Data File:	**b17mar26b-7**			**Dilution:**	**1**
Prep Batch:	**65234**	**Prep Method:**	**SW846 3540C**		
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		17.0	pg/g	0.619	0.924
40321-76-4	1,2,3,7,8-PeCDD		91.1	pg/g	0.338	4.62
39227-28-6	1,2,3,4,7,8-HxCDD		96.5	pg/g	0.765	4.62
57653-85-7	1,2,3,6,7,8-HxCDD		94.3	pg/g	0.656	4.62
19408-74-3	1,2,3,7,8,9-HxCDD		101	pg/g	0.701	4.62
35822-46-9	1,2,3,4,6,7,8-HpCDD		89.0	pg/g	0.745	4.62
3268-87-9	1,2,3,4,6,7,8,9-OCDD		185	pg/g	0.996	9.24
51207-31-9	2,3,7,8-TCDF		18.9	pg/g	0.277	0.924
57117-41-6	1,2,3,7,8-PeCDF		92.2	pg/g	0.335	4.62
57117-31-4	2,3,4,7,8-PeCDF		95.0	pg/g	0.316	4.62
70648-26-9	1,2,3,4,7,8-HxCDF		92.6	pg/g	0.567	4.62
57117-44-9	1,2,3,6,7,8-HxCDF		88.7	pg/g	0.551	4.62
60851-34-5	2,3,4,6,7,8-HxCDF		88.3	pg/g	0.566	4.62
72918-21-9	1,2,3,7,8,9-HxCDF		85.9	pg/g	0.871	4.62
67562-39-4	1,2,3,4,6,7,8-HpCDF		91.8	pg/g	0.810	4.62
55673-89-7	1,2,3,4,7,8,9-HpCDF		90.4	pg/g	1.18	4.62
39001-02-0	1,2,3,4,6,7,8,9-OCDF		186	pg/g	1.02	9.24

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		154	185	pg/g	83.2	(25%-164%)
13C-1,2,3,7,8-PeCDD		137	185	pg/g	74.0	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		132	185	pg/g	71.2	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		144	185	pg/g	78.0	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		138	185	pg/g	74.9	(23%-140%)
13C-OCDD		323	370	pg/g	87.5	(17%-157%)
13C-2,3,7,8-TCDF		143	185	pg/g	77.6	(24%-169%)
13C-1,2,3,7,8-PeCDF		134	185	pg/g	72.7	(24%-185%)
13C-2,3,4,7,8-PeCDF		135	185	pg/g	73.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		123	185	pg/g	66.6	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		149	185	pg/g	80.7	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		140	185	pg/g	75.5	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		139	185	pg/g	75.1	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		130	185	pg/g	70.4	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		135	185	pg/g	73.0	(26%-138%)
37Cl-2,3,7,8-TCDD		16.8	18.5	pg/g	91.0	(35%-197%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**

PCB Congeners Analysis

Case Narrative

PCBC Case Narrative
Farallon Consulting (FARA)
SDG 24987

Method/Analysis Information

Product:	**Method 1668C HRMS Tissue Analysis**
Analytical Method:	EPA Method 1668C
Extraction Method:	SW846 3540C
Analytical Batch Number:	65233
Clean Up Batch Number:	65231
Extraction Batch Number:	65230

Sample Analysis

Samples were received within temperature requirements at 6.0 °C.
(24987001,24987002,24987003).
The following samples were analyzed using the analytical protocol as established in EPA Method 1668C:

Sample ID	Client ID
12041944	Method Blank (MB)
12041945	Laboratory Control Sample (LCS)
12041946	Laboratory Control Sample Duplicate (LCSD)
24987001	SOLDIER BAY SOUTH
24987002	SOLDIER BAY NORTH
24987003	BRUHEL POINT

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-003 REV# 11.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration
All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (ICV or CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A sample of similar matrix, not associated with this SDG, was selected for analysis as the matrix spike and matrix spike duplicate.

Technical Information

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
Homogenization Information: from logbook, batch 65177: Samples in WO 24987 are mussel samples and were received in their shells. Using a clean shucking knife, each group of mussels were shucked and transferred to a clean and labeled 500mL amber jar. Shucking knives were cleaned between each sample group per SOP glassware washing procedures. Shells were returned to original zip lock bag for preservation. The mussel tissue was homogenized using a cutting board and knife. Cutting board and knife cleaned in between homogenizing each group of mussel samples per SOP glassware washing procedures. Aliquot includes mussel tissue only, no shell.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Manual Integrations
Manual integrations were required for data files in this SDG. Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction.

System Configuration
This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP791_1	PCB Analysis	PCB Analysis	SPB-Octyl	30m x 0.25mm, 0.25um

Sample Data Summary

Cape Fear Analytical, LLC
3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report
for

FARA001 Farallon Consulting

Client SDG: 24987 CFA Work Order: 24987

The Qualifiers in this report are defined as follows:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
* A quality control analyte recovery is outside of specified acceptance criteria
** Analyte is a surrogate compound
K Estimated Maximum Possible Concentration

DL Indicates that sample is diluted.
RA Indicates that sample is re-analyzed without re-extraction.
RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature:  **Name: Erin Suhrie**

Date: 31 MAR 2026 **Title: Data Validator**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB	J	0.451	pg/g	0.183	9.25
2051-61-8	2-MoCB	J	0.790	pg/g	0.192	9.25
2051-62-9	3-MoCB	BJ	1.18	pg/g	0.191	9.25
13029-08-8	4-DiCB	J	0.683	pg/g	0.359	9.25
16605-91-7	5-DiCB	U	0.346	pg/g	0.346	9.25
25569-80-6	6-DiCB	J	0.659	pg/g	0.302	9.25
33284-50-3	7-DiCB	J	0.612	pg/g	0.303	9.25
34883-43-7	8-DiCB	J	1.68	pg/g	0.274	9.25
34883-39-1	9-DiCB	U	0.335	pg/g	0.335	9.25
33146-45-1	10-DiCB	U	0.250	pg/g	0.250	9.25
2050-67-1	11-DiCB	B	44.5	pg/g	0.346	37.0
2974-92-7	12/13-DiCB	CU	0.311	pg/g	0.311	18.5
34883-41-5	14-DiCB	U	0.337	pg/g	0.337	9.25
2050-68-2	15-DiCB	JK	1.68	pg/g	0.416	9.25
38444-78-9	16-TrCB	J	1.55	pg/g	0.211	9.25
37680-66-3	17-TrCB	J	2.43	pg/g	0.226	9.25
37680-65-2	18/30-TrCB	BCJ	5.23	pg/g	0.205	18.5
38444-73-4	19-TrCB	U	0.222	pg/g	0.222	9.25
38444-84-7	20/28-TrCB	BCJ	17.7	pg/g	0.167	18.5
55702-46-0	21/33-TrCB	BCJ	4.81	pg/g	0.167	18.5
38444-85-8	22-TrCB	BJ	4.65	pg/g	0.181	9.25
55720-44-0	23-TrCB	U	0.178	pg/g	0.178	9.25
55702-45-9	24-TrCB	U	0.181	pg/g	0.181	9.25
55712-37-3	25-TrCB	J	1.04	pg/g	0.152	9.25
38444-81-4	26/29-TrCB	BCJ	1.56	pg/g	0.161	18.5
38444-76-7	27-TrCB	J	0.498	pg/g	0.181	9.25
16606-02-3	31-TrCB	B	13.4	pg/g	0.168	9.25
38444-77-8	32-TrCB	J	2.14	pg/g	0.161	9.25
37680-68-5	34-TrCB	U	0.194	pg/g	0.194	9.25
37680-69-6	35-TrCB	J	0.631	pg/g	0.294	9.25
38444-87-0	36-TrCB	U	0.235	pg/g	0.235	9.25
38444-90-5	37-TrCB	BJ	2.92	pg/g	0.355	9.25

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
53555-66-1	38-TrCB	U	0.276	pg/g	0.276	9.25
38444-88-1	39-TrCB	U	0.274	pg/g	0.274	9.25
38444-93-8	40/71-TeCB	BCJ	6.69	pg/g	0.646	18.5
52663-59-9	41-TeCB	J	1.35	pg/g	0.981	9.25
36559-22-5	42-TeCB	BJ	4.49	pg/g	0.742	9.25
70362-46-8	43-TeCB	J	1.13	pg/g	0.801	9.25
41464-39-5	44/47/65-TeCB	BC	34.1	pg/g	0.620	27.8
70362-45-7	45/51-TeCB	BCJ	4.37	pg/g	0.209	18.5
41464-47-5	46-TeCB	J	0.768	pg/g	0.192	9.25
70362-47-9	48-TeCB	BJ	3.59	pg/g	0.746	9.25
41464-40-8	49/69-TeCB	BC	18.9	pg/g	0.596	18.5
62796-65-0	50/53-TeCB	BCJ	2.69	pg/g	0.196	18.5
35693-99-3	52-TeCB		70.4	pg/g	0.764	18.5
15968-05-5	54-TeCB	U	0.107	pg/g	0.107	9.25
74338-24-2	55-TeCB	U	0.392	pg/g	0.392	9.25
41464-43-1	56-TeCB	BJ	6.77	pg/g	0.339	9.25
70424-67-8	57-TeCB	U	0.381	pg/g	0.381	9.25
41464-49-7	58-TeCB	U	0.377	pg/g	0.377	9.25
74472-33-6	59/62/75-TeCB	CJ	2.57	pg/g	0.527	27.8
33025-41-1	60-TeCB	BJ	6.09	pg/g	0.368	9.25
33284-53-6	61/70/74/76-TeCB	BC	69.3	pg/g	0.355	37.0
74472-34-7	63-TeCB	J	1.17	pg/g	0.364	9.25
52663-58-8	64-TeCB	B	9.97	pg/g	0.531	9.25
32598-10-0	66-TeCB	B	32.6	pg/g	0.389	18.5
73575-53-8	67-TeCB	J	0.609	pg/g	0.287	9.25
73575-52-7	68-TeCB	BJ	0.786	pg/g	0.342	9.25
41464-42-0	72-TeCB	U	0.368	pg/g	0.368	9.25
74338-23-1	73-TeCB	U	0.512	pg/g	0.512	9.25
32598-13-3	77-TeCB	J	2.36	pg/g	0.438	9.25
70362-49-1	78-TeCB	U	0.414	pg/g	0.414	9.25
41464-48-6	79-TeCB	J	0.982	pg/g	0.307	9.25
33284-52-5	80-TeCB	U	0.298	pg/g	0.298	9.25

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
70362-50-4	81-TeCB	U	0.407	pg/g	0.407	9.25
52663-62-4	82-PeCB		13.8	pg/g	0.527	9.25
60145-20-2	83-PeCB	J	6.19	pg/g	0.609	9.25
52663-60-2	84-PeCB		27.8	pg/g	0.453	9.25
65510-45-4	85/116/117-PeCB	CJ	27.0	pg/g	0.340	27.8
55312-69-1	86/87/97/109/119/125-PeCB	C	87.0	pg/g	0.329	55.5
55215-17-3	88/91-PeCB	CJ	16.8	pg/g	0.483	18.5
73575-57-2	89-PeCB	J	0.844	pg/g	0.555	9.25
68194-07-0	90/101/113-PeCB	C	143	pg/g	0.374	27.8
52663-61-3	92-PeCB		26.6	pg/g	0.525	9.25
73575-56-1	93/100-PeCB	CJ	0.492	pg/g	0.407	18.5
73575-55-0	94-PeCB	U	0.475	pg/g	0.475	9.25
38379-99-6	95-PeCB		106	pg/g	0.512	9.25
73575-54-9	96-PeCB	J	0.549	pg/g	0.222	9.25
60233-25-2	98/102-PeCB	CJ	2.25	pg/g	0.411	18.5
38380-01-7	99-PeCB		66.9	pg/g	0.389	9.25
60145-21-3	103-PeCB	J	0.760	pg/g	0.450	9.25
56558-16-8	104-PeCB	U	0.150	pg/g	0.150	9.25
32598-14-4	105-PeCB		59.2	pg/g	0.450	18.5
70424-69-0	106-PeCB	U	0.433	pg/g	0.433	9.25
70424-68-9	107-PeCB	J	6.83	pg/g	0.305	9.25
70362-41-3	108/124-PeCB	CJ	4.64	pg/g	0.413	18.5
38380-03-9	110/115-PeCB	C	137	pg/g	0.309	18.5
39635-32-0	111-PeCB	U	0.300	pg/g	0.300	9.25
74472-36-9	112-PeCB	U	0.268	pg/g	0.268	9.25
74472-37-0	114-PeCB	J	2.98	pg/g	0.437	9.25
31508-00-6	118-PeCB		153	pg/g	0.350	9.25
68194-12-7	120-PeCB	U	0.315	pg/g	0.315	9.25
56558-18-0	121-PeCB	U	0.315	pg/g	0.315	9.25
76842-07-4	122-PeCB	J	1.43	pg/g	0.527	9.25
65510-44-3	123-PeCB	J	2.07	pg/g	0.394	9.25
57465-28-8	126-PeCB	U	0.459	pg/g	0.459	9.25

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**
J **Value is estimated**
C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**
B **The target analyte was detected in the associated blank.**
K **Estimated Maximum Possible Concentration**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
39635-33-1	127-PeCB	U	0.389	pg/g	0.389	9.25
38380-07-3	128/166-HxCB	C	20.9	pg/g	0.344	18.5
55215-18-4	129/138/163-HxCB	C	153	pg/g	0.368	27.8
52663-66-8	130-HxCB	J	8.44	pg/g	0.451	9.25
61798-70-7	131-HxCB	JK	1.60	pg/g	0.492	9.25
38380-05-1	132-HxCB		38.2	pg/g	0.457	9.25
35694-04-3	133-HxCB	J	1.94	pg/g	0.463	9.25
52704-70-8	134-HxCB	J	6.31	pg/g	0.575	9.25
52744-13-5	135/151-HxCB	C	29.7	pg/g	0.246	18.5
38411-22-2	136-HxCB		11.4	pg/g	0.198	9.25
35694-06-5	137-HxCB	J	2.93	pg/g	0.422	9.25
56030-56-9	139/140-HxCB	CJ	2.27	pg/g	0.389	18.5
52712-04-6	141-HxCB	J	2.03	pg/g	0.352	9.25
41411-61-4	142-HxCB	U	0.512	pg/g	0.512	9.25
68194-15-0	143-HxCB	U	0.507	pg/g	0.507	9.25
68194-14-9	144-HxCB	J	4.61	pg/g	0.252	9.25
74472-40-5	145-HxCB	U	0.183	pg/g	0.183	9.25
51908-16-8	146-HxCB		16.9	pg/g	0.318	9.25
68194-13-8	147/149-HxCB	C	81.6	pg/g	0.424	18.5
74472-41-6	148-HxCB	JK	0.916	pg/g	0.253	9.25
68194-08-1	150-HxCB	JK	0.229	pg/g	0.187	9.25
68194-09-2	152-HxCB	U	0.198	pg/g	0.198	9.25
35065-27-1	153/168-HxCB	C	123	pg/g	0.318	18.5
60145-22-4	154-HxCB	J	1.35	pg/g	0.183	9.25
33979-03-2	155-HxCB	JK	0.222	pg/g	0.124	9.25
38380-08-4	156/157-HxCB	CJ	17.5	pg/g	0.294	18.5
74472-42-7	158-HxCB		10.7	pg/g	0.239	9.25
39635-35-3	159-HxCB	U	0.211	pg/g	0.211	9.25
41411-62-5	160-HxCB	U	0.327	pg/g	0.327	9.25
74472-43-8	161-HxCB	U	0.298	pg/g	0.298	9.25
39635-34-2	162-HxCB	J	0.333	pg/g	0.209	9.25
74472-45-0	164-HxCB	J	1.49	pg/g	0.268	9.25

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-46-1	165-HxCB	U	0.326	pg/g	0.326	9.25
52663-72-6	167-HxCB	J	6.53	pg/g	0.213	9.25
32774-16-6	169-HxCB	U	0.222	pg/g	0.222	9.25
35065-30-6	170-HpCB	J	2.62	pg/g	0.270	9.25
52663-71-5	171/173-HpCB	CJ	4.22	pg/g	0.279	18.5
52663-74-8	172-HpCB	J	0.318	pg/g	0.278	9.25
38411-25-5	174-HpCB	J	0.631	pg/g	0.259	9.25
40186-70-7	175-HpCB	J	0.492	pg/g	0.148	9.25
52663-65-7	176-HpCB	J	1.40	pg/g	0.118	9.25
52663-70-4	177-HpCB	J	8.26	pg/g	0.303	9.25
52663-67-9	178-HpCB	J	3.44	pg/g	0.161	9.25
52663-64-6	179-HpCB	J	4.51	pg/g	0.109	9.25
35065-29-3	180/193-HpCB	CJ	7.79	pg/g	0.200	18.5
74472-47-2	181-HpCB	U	0.281	pg/g	0.281	9.25
60145-23-5	182-HpCB	U	0.122	pg/g	0.122	9.25
52663-69-1	183/185-HpCB	CJ	8.48	pg/g	0.276	18.5
74472-48-3	184-HpCB	J	0.283	pg/g	0.107	9.25
74472-49-4	186-HpCB	U	0.113	pg/g	0.113	9.25
52663-68-0	187-HpCB		21.7	pg/g	0.139	9.25
74487-85-7	188-HpCB	JK	0.246	pg/g	0.0925	9.25
39635-31-9	189-HpCB	J	0.433	pg/g	0.200	9.25
41411-64-7	190-HpCB	J	1.03	pg/g	0.176	9.25
74472-50-7	191-HpCB	U	0.187	pg/g	0.187	9.25
74472-51-8	192-HpCB	U	0.216	pg/g	0.216	9.25
35694-08-7	194-OcCB	J	0.683	pg/g	0.122	9.25
52663-78-2	195-OcCB	JK	0.231	pg/g	0.137	9.25
42740-50-1	196-OcCB	J	0.320	pg/g	0.120	9.25
33091-17-7	197/200-OcCB	CJ	0.394	pg/g	0.104	18.5
68194-17-2	198/199-OcCB	BCJ	0.685	pg/g	0.128	18.5
40186-71-8	201-OcCB	BJ	1.01	pg/g	0.102	9.25
2136-99-4	202-OcCB	J	1.72	pg/g	0.0851	9.25
52663-76-0	203-OcCB	BJ	1.07	pg/g	0.120	9.25

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
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C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987001**	**Date Collected:**	**02/27/2026 14:15**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY SOUTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 12:07**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.81 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-52-9	204-OcCB	U	0.0981	pg/g	0.0981	9.25
74472-53-0	205-OcCB	U	0.109	pg/g	0.109	9.25
40186-72-9	206-NoCB	J	0.303	pg/g	0.168	9.25
52663-79-3	207-NoCB	U	0.148	pg/g	0.148	9.25
52663-77-1	208-NoCB	U	0.146	pg/g	0.146	9.25
2051-24-3	209-DeCB	U	0.102	pg/g	0.102	9.25
1336-36-3	Total PCB Congeners with EMPCs	J	1900	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		49.8	185	pg/g	26.9	(5%-145%)
13C-3-MoCB		64.1	185	pg/g	34.6	(5%-145%)
13C-4-DiCB		87.6	185	pg/g	47.4	(5%-145%)
13C-15-DiCB		92.9	185	pg/g	50.2	(5%-145%)
13C-19-TrCB		82.3	185	pg/g	44.5	(5%-145%)
13C-37-TrCB		120	185	pg/g	64.7	(5%-145%)
13C-54-TeCB		159	185	pg/g	85.9	(5%-145%)
13C-77-TeCB		140	185	pg/g	75.5	(10%-145%)
13C-81-TeCB		150	185	pg/g	81.2	(10%-145%)
13C-104-PeCB		123	185	pg/g	66.4	(10%-145%)
13C-105-PeCB		122	185	pg/g	66.1	(10%-145%)
13C-114-PeCB		120	185	pg/g	64.7	(10%-145%)
13C-118-PeCB		147	185	pg/g	79.6	(10%-145%)
13C-123-PeCB		134	185	pg/g	72.3	(10%-145%)
13C-126-PeCB		134	185	pg/g	72.2	(10%-145%)
13C-155-HxCB		117	185	pg/g	63.1	(10%-145%)
13C-156/157-HxCB	C	248	370	pg/g	67.1	(10%-145%)
13C-167-HxCB		127	185	pg/g	68.8	(10%-145%)
13C-169-HxCB		147	185	pg/g	79.7	(10%-145%)
13C-188-HpCB		141	185	pg/g	76.1	(10%-145%)
13C-189-HpCB		154	185	pg/g	83.5	(10%-145%)
13C-202-OcCB		152	185	pg/g	82.0	(10%-145%)
13C-205-OcCB		134	185	pg/g	72.4	(10%-145%)
13C-206-NoCB		171	185	pg/g	92.6	(10%-145%)
13C-208-NoCB		177	185	pg/g	95.8	(10%-145%)
13C-209-DeCB		184	185	pg/g	99.5	(10%-145%)
13C-28-TrCB		154	185	pg/g	83.4	(5%-145%)
13C-111-PeCB		144	185	pg/g	77.6	(10%-145%)
13C-178-HpCB		156	185	pg/g	84.5	(10%-145%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB	JK	0.457	pg/g	0.172	9.24
2051-61-8	2-MoCB	JK	0.697	pg/g	0.189	9.24
2051-62-9	3-MoCB	BJ	0.991	pg/g	0.194	9.24
13029-08-8	4-DiCB	J	0.599	pg/g	0.353	9.24
16605-91-7	5-DiCB	U	0.383	pg/g	0.383	9.24
25569-80-6	6-DiCB	J	0.553	pg/g	0.333	9.24
33284-50-3	7-DiCB	J	0.606	pg/g	0.335	9.24
34883-43-7	8-DiCB	J	1.18	pg/g	0.301	9.24
34883-39-1	9-DiCB	U	0.368	pg/g	0.368	9.24
33146-45-1	10-DiCB	U	0.281	pg/g	0.281	9.24
2050-67-1	11-DiCB	B	39.8	pg/g	0.381	37.0
2974-92-7	12/13-DiCB	CU	0.342	pg/g	0.342	18.5
34883-41-5	14-DiCB	U	0.372	pg/g	0.372	9.24
2050-68-2	15-DiCB	J	1.45	pg/g	0.497	9.24
38444-78-9	16-TrCB	J	1.25	pg/g	0.242	9.24
37680-66-3	17-TrCB	J	1.98	pg/g	0.259	9.24
37680-65-2	18/30-TrCB	BCJ	4.52	pg/g	0.237	18.5
38444-73-4	19-TrCB	J	0.410	pg/g	0.246	9.24
38444-84-7	20/28-TrCB	BCJ	14.0	pg/g	0.192	18.5
55702-46-0	21/33-TrCB	BCJ	3.86	pg/g	0.192	18.5
38444-85-8	22-TrCB	BJ	3.65	pg/g	0.209	9.24
55720-44-0	23-TrCB	U	0.203	pg/g	0.203	9.24
55702-45-9	24-TrCB	U	0.209	pg/g	0.209	9.24
55712-37-3	25-TrCB	J	0.719	pg/g	0.176	9.24
38444-81-4	26/29-TrCB	BCJ	1.17	pg/g	0.185	18.5
38444-76-7	27-TrCB	J	0.434	pg/g	0.209	9.24
16606-02-3	31-TrCB	B	11.6	pg/g	0.192	9.24
38444-77-8	32-TrCB	J	1.75	pg/g	0.185	9.24
37680-68-5	34-TrCB	U	0.224	pg/g	0.224	9.24
37680-69-6	35-TrCB	J	0.397	pg/g	0.285	9.24
38444-87-0	36-TrCB	U	0.229	pg/g	0.229	9.24
38444-90-5	37-TrCB	BJ	2.49	pg/g	0.353	9.24

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
53555-66-1	38-TrCB	U	0.268	pg/g	0.268	9.24
38444-88-1	39-TrCB	U	0.266	pg/g	0.266	9.24
38444-93-8	40/71-TeCB	BCJ	5.22	pg/g	0.597	18.5
52663-59-9	41-TeCB	J	1.49	pg/g	0.908	9.24
36559-22-5	42-TeCB	BJ	3.49	pg/g	0.686	9.24
70362-46-8	43-TeCB	J	0.786	pg/g	0.739	9.24
41464-39-5	44/47/65-TeCB	BCJ	22.9	pg/g	0.573	27.7
70362-45-7	45/51-TeCB	BCJ	3.55	pg/g	0.299	18.5
41464-47-5	46-TeCB	J	0.545	pg/g	0.275	9.24
70362-47-9	48-TeCB	BJ	2.94	pg/g	0.689	9.24
41464-40-8	49/69-TeCB	BCJ	13.0	pg/g	0.551	18.5
62796-65-0	50/53-TeCB	BCJ	2.02	pg/g	0.281	18.5
35693-99-3	52-TeCB	B	45.4	pg/g	0.706	18.5
15968-05-5	54-TeCB	U	0.157	pg/g	0.157	9.24
74338-24-2	55-TeCB	U	0.442	pg/g	0.442	9.24
41464-43-1	56-TeCB	BJ	5.02	pg/g	0.381	9.24
70424-67-8	57-TeCB	U	0.431	pg/g	0.431	9.24
41464-49-7	58-TeCB	U	0.423	pg/g	0.423	9.24
74472-33-6	59/62/75-TeCB	CJ	2.56	pg/g	0.488	27.7
33025-41-1	60-TeCB	BJ	4.62	pg/g	0.414	9.24
33284-53-6	61/70/74/76-TeCB	BC	49.1	pg/g	0.399	37.0
74472-34-7	63-TeCB	J	0.904	pg/g	0.410	9.24
52663-58-8	64-TeCB	BJ	7.46	pg/g	0.492	9.24
32598-10-0	66-TeCB	B	24.4	pg/g	0.438	18.5
73575-53-8	67-TeCB	J	0.462	pg/g	0.322	9.24
73575-52-7	68-TeCB	BJ	0.625	pg/g	0.386	9.24
41464-42-0	72-TeCB	U	0.414	pg/g	0.414	9.24
74338-23-1	73-TeCB	U	0.473	pg/g	0.473	9.24
32598-13-3	77-TeCB	J	1.77	pg/g	0.497	9.24
70362-49-1	78-TeCB	U	0.466	pg/g	0.466	9.24
41464-48-6	79-TeCB	JK	0.754	pg/g	0.346	9.24
33284-52-5	80-TeCB	U	0.335	pg/g	0.335	9.24

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
70362-50-4	81-TeCB	U	0.445	pg/g	0.445	9.24
52663-62-4	82-PeCB		10.1	pg/g	0.908	9.24
60145-20-2	83-PeCB	J	5.04	pg/g	1.05	9.24
52663-60-2	84-PeCB		18.3	pg/g	0.782	9.24
65510-45-4	85/116/117-PeCB	CJ	19.1	pg/g	0.586	27.7
55312-69-1	86/87/97/109/119/125-PeCB	C	65.5	pg/g	0.567	55.5
55215-17-3	88/91-PeCB	CJ	11.9	pg/g	0.828	18.5
73575-57-2	89-PeCB	U	0.954	pg/g	0.954	9.24
68194-07-0	90/101/113-PeCB	C	112	pg/g	0.643	27.7
52663-61-3	92-PeCB		21.2	pg/g	0.902	9.24
73575-56-1	93/100-PeCB	CU	0.701	pg/g	0.701	18.5
73575-55-0	94-PeCB	U	0.817	pg/g	0.817	9.24
38379-99-6	95-PeCB		66.9	pg/g	0.882	9.24
73575-54-9	96-PeCB	JK	0.440	pg/g	0.192	9.24
60233-25-2	98/102-PeCB	CJ	1.23	pg/g	0.706	18.5
38380-01-7	99-PeCB		54.0	pg/g	0.669	9.24
60145-21-3	103-PeCB	U	0.773	pg/g	0.773	9.24
56558-16-8	104-PeCB	U	0.135	pg/g	0.135	9.24
32598-14-4	105-PeCB		45.6	pg/g	0.372	18.5
70424-69-0	106-PeCB	U	0.383	pg/g	0.383	9.24
70424-68-9	107-PeCB	J	5.16	pg/g	0.270	9.24
70362-41-3	108/124-PeCB	CJ	3.37	pg/g	0.364	18.5
38380-03-9	110/115-PeCB	C	104	pg/g	0.532	18.5
39635-32-0	111-PeCB	U	0.516	pg/g	0.516	9.24
74472-36-9	112-PeCB	U	0.460	pg/g	0.460	9.24
74472-37-0	114-PeCB	J	2.35	pg/g	0.372	9.24
31508-00-6	118-PeCB		127	pg/g	0.320	9.24
68194-12-7	120-PeCB	U	0.542	pg/g	0.542	9.24
56558-18-0	121-PeCB	U	0.542	pg/g	0.542	9.24
76842-07-4	122-PeCB	J	0.950	pg/g	0.466	9.24
65510-44-3	123-PeCB	J	1.66	pg/g	0.364	9.24
57465-28-8	126-PeCB	U	0.364	pg/g	0.364	9.24

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
39635-33-1	127-PeCB	U	0.344	pg/g	0.344	9.24
38380-07-3	128/166-HxCB	CJ	17.6	pg/g	0.342	18.5
55215-18-4	129/138/163-HxCB	C	140	pg/g	0.364	27.7
52663-66-8	130-HxCB	J	7.52	pg/g	0.447	9.24
61798-70-7	131-HxCB	JK	1.29	pg/g	0.488	9.24
38380-05-1	132-HxCB		30.5	pg/g	0.453	9.24
35694-04-3	133-HxCB	J	1.58	pg/g	0.458	9.24
52704-70-8	134-HxCB	J	4.43	pg/g	0.571	9.24
52744-13-5	135/151-HxCB	C	23.7	pg/g	0.272	18.5
38411-22-2	136-HxCB	J	9.11	pg/g	0.218	9.24
35694-06-5	137-HxCB	J	1.74	pg/g	0.418	9.24
56030-56-9	139/140-HxCB	CJ	1.84	pg/g	0.384	18.5
52712-04-6	141-HxCB	J	1.19	pg/g	0.348	9.24
41411-61-4	142-HxCB	U	0.508	pg/g	0.508	9.24
68194-15-0	143-HxCB	U	0.503	pg/g	0.503	9.24
68194-14-9	144-HxCB	J	3.91	pg/g	0.277	9.24
74472-40-5	145-HxCB	U	0.203	pg/g	0.203	9.24
51908-16-8	146-HxCB		14.2	pg/g	0.314	9.24
68194-13-8	147/149-HxCB	C	63.3	pg/g	0.420	18.5
74472-41-6	148-HxCB	J	0.689	pg/g	0.277	9.24
68194-08-1	150-HxCB	U	0.205	pg/g	0.205	9.24
68194-09-2	152-HxCB	U	0.220	pg/g	0.220	9.24
35065-27-1	153/168-HxCB	C	111	pg/g	0.314	18.5
60145-22-4	154-HxCB	J	1.24	pg/g	0.201	9.24
33979-03-2	155-HxCB	JK	0.194	pg/g	0.146	9.24
38380-08-4	156/157-HxCB	CJ	14.4	pg/g	0.226	18.5
74472-42-7	158-HxCB	J	8.92	pg/g	0.237	9.24
39635-35-3	159-HxCB	U	0.170	pg/g	0.170	9.24
41411-62-5	160-HxCB	U	0.325	pg/g	0.325	9.24
74472-43-8	161-HxCB	U	0.296	pg/g	0.296	9.24
39635-34-2	162-HxCB	J	0.259	pg/g	0.168	9.24
74472-45-0	164-HxCB	JK	0.802	pg/g	0.266	9.24

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
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K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-46-1	165-HxCB	U	0.322	pg/g	0.322	9.24
52663-72-6	167-HxCB	J	5.80	pg/g	0.170	9.24
32774-16-6	169-HxCB	U	0.179	pg/g	0.179	9.24
35065-30-6	170-HpCB	J	1.23	pg/g	0.270	9.24
52663-71-5	171/173-HpCB	CJ	3.43	pg/g	0.279	18.5
52663-74-8	172-HpCB	U	0.277	pg/g	0.277	9.24
38411-25-5	174-HpCB	JK	0.397	pg/g	0.259	9.24
40186-70-7	175-HpCB	J	0.588	pg/g	0.253	9.24
52663-65-7	176-HpCB	J	1.18	pg/g	0.201	9.24
52663-70-4	177-HpCB	J	6.93	pg/g	0.303	9.24
52663-67-9	178-HpCB	J	2.83	pg/g	0.275	9.24
52663-64-6	179-HpCB	J	3.51	pg/g	0.189	9.24
35065-29-3	180/193-HpCB	CJ	4.21	pg/g	0.200	18.5
74472-47-2	181-HpCB	U	0.281	pg/g	0.281	9.24
60145-23-5	182-HpCB	U	0.209	pg/g	0.209	9.24
52663-69-1	183/185-HpCB	CJ	7.35	pg/g	0.275	18.5
74472-48-3	184-HpCB	J	0.220	pg/g	0.183	9.24
74472-49-4	186-HpCB	U	0.194	pg/g	0.194	9.24
52663-68-0	187-HpCB		18.6	pg/g	0.237	9.24
74487-85-7	188-HpCB	U	0.165	pg/g	0.165	9.24
39635-31-9	189-HpCB	J	0.323	pg/g	0.163	9.24
41411-64-7	190-HpCB	J	0.586	pg/g	0.176	9.24
74472-50-7	191-HpCB	U	0.187	pg/g	0.187	9.24
74472-51-8	192-HpCB	U	0.216	pg/g	0.216	9.24
35694-08-7	194-OcCB	JK	0.492	pg/g	0.259	9.24
52663-78-2	195-OcCB	U	0.290	pg/g	0.290	9.24
42740-50-1	196-OcCB	U	0.165	pg/g	0.165	9.24
33091-17-7	197/200-OcCB	CJ	0.327	pg/g	0.142	18.5
68194-17-2	198/199-OcCB	BCJ	0.360	pg/g	0.174	18.5
40186-71-8	201-OcCB	BJ	0.778	pg/g	0.139	9.24
2136-99-4	202-OcCB	J	1.47	pg/g	0.131	9.24
52663-76-0	203-OcCB	BJ	0.510	pg/g	0.165	9.24

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
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K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987002**	**Date Collected:**	**02/27/2026 15:02**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**SOLDIER BAY NORTH**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 13:16**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.82 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-52-9	204-OcCB	U	0.133	pg/g	0.133	9.24
74472-53-0	205-OcCB	U	0.207	pg/g	0.207	9.24
40186-72-9	206-NoCB	U	0.214	pg/g	0.214	9.24
52663-79-3	207-NoCB	U	0.187	pg/g	0.187	9.24
52663-77-1	208-NoCB	U	0.181	pg/g	0.181	9.24
2051-24-3	209-DeCB	U	0.153	pg/g	0.153	9.24
1336-36-3	Total PCB Congeners with EMPCs	J	1490	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		54.1	185	pg/g	29.3	(5%-145%)
13C-3-MoCB		62.6	185	pg/g	33.8	(5%-145%)
13C-4-DiCB		89.7	185	pg/g	48.5	(5%-145%)
13C-15-DiCB		76.7	185	pg/g	41.5	(5%-145%)
13C-19-TrCB		79.4	185	pg/g	42.9	(5%-145%)
13C-37-TrCB		101	185	pg/g	54.7	(5%-145%)
13C-54-TeCB		133	185	pg/g	72.1	(5%-145%)
13C-77-TeCB		119	185	pg/g	64.2	(10%-145%)
13C-81-TeCB		130	185	pg/g	70.4	(10%-145%)
13C-104-PeCB		102	185	pg/g	55.1	(10%-145%)
13C-105-PeCB		109	185	pg/g	59.2	(10%-145%)
13C-114-PeCB		104	185	pg/g	56.2	(10%-145%)
13C-118-PeCB		122	185	pg/g	65.7	(10%-145%)
13C-123-PeCB		113	185	pg/g	61.1	(10%-145%)
13C-126-PeCB		122	185	pg/g	65.8	(10%-145%)
13C-155-HxCB		96.9	185	pg/g	52.4	(10%-145%)
13C-156/157-HxCB	C	213	370	pg/g	57.6	(10%-145%)
13C-167-HxCB		109	185	pg/g	58.8	(10%-145%)
13C-169-HxCB		116	185	pg/g	62.9	(10%-145%)
13C-188-HpCB		105	185	pg/g	56.6	(10%-145%)
13C-189-HpCB		115	185	pg/g	62.5	(10%-145%)
13C-202-OcCB		115	185	pg/g	62.0	(10%-145%)
13C-205-OcCB		120	185	pg/g	64.9	(10%-145%)
13C-206-NoCB		129	185	pg/g	69.7	(10%-145%)
13C-208-NoCB		124	185	pg/g	67.2	(10%-145%)
13C-209-DeCB		150	185	pg/g	81.1	(10%-145%)
13C-28-TrCB		126	185	pg/g	68.3	(5%-145%)
13C-111-PeCB		122	185	pg/g	66.2	(10%-145%)
13C-178-HpCB		140	185	pg/g	76.0	(10%-145%)

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB	U	0.425	pg/g	0.425	9.20
2051-61-8	2-MoCB	J	0.885	pg/g	0.392	9.20
2051-62-9	3-MoCB	BJ	1.47	pg/g	0.340	9.20
13029-08-8	4-DiCB	J	0.845	pg/g	0.500	9.20
16605-91-7	5-DiCB	U	0.477	pg/g	0.477	9.20
25569-80-6	6-DiCB	U	0.414	pg/g	0.414	9.20
33284-50-3	7-DiCB	J	0.769	pg/g	0.418	9.20
34883-43-7	8-DiCB	J	1.94	pg/g	0.375	9.20
34883-39-1	9-DiCB	U	0.460	pg/g	0.460	9.20
33146-45-1	10-DiCB	U	0.313	pg/g	0.313	9.20
2050-67-1	11-DiCB	B	58.6	pg/g	0.475	36.8
2974-92-7	12/13-DiCB	CU	0.427	pg/g	0.427	18.4
34883-41-5	14-DiCB	U	0.464	pg/g	0.464	9.20
2050-68-2	15-DiCB	JK	1.55	pg/g	0.510	9.20
38444-78-9	16-TrCB	J	1.25	pg/g	0.206	9.20
37680-66-3	17-TrCB	J	1.50	pg/g	0.221	9.20
37680-65-2	18/30-TrCB	BCJ	3.29	pg/g	0.201	18.4
38444-73-4	19-TrCB	J	0.245	pg/g	0.239	9.20
38444-84-7	20/28-TrCB	BCJ	8.17	pg/g	0.164	18.4
55702-46-0	21/33-TrCB	BCJ	3.70	pg/g	0.164	18.4
38444-85-8	22-TrCB	BJ	2.54	pg/g	0.177	9.20
55720-44-0	23-TrCB	U	0.173	pg/g	0.173	9.20
55702-45-9	24-TrCB	U	0.178	pg/g	0.178	9.20
55712-37-3	25-TrCB	J	0.615	pg/g	0.149	9.20
38444-81-4	26/29-TrCB	BCJ	0.966	pg/g	0.158	18.4
38444-76-7	27-TrCB	J	0.386	pg/g	0.178	9.20
16606-02-3	31-TrCB	BJ	7.18	pg/g	0.164	9.20
38444-77-8	32-TrCB	J	1.01	pg/g	0.156	9.20
37680-68-5	34-TrCB	U	0.190	pg/g	0.190	9.20
37680-69-6	35-TrCB	J	0.510	pg/g	0.248	9.20
38444-87-0	36-TrCB	U	0.201	pg/g	0.201	9.20
38444-90-5	37-TrCB	BJK	1.26	pg/g	0.276	9.20

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
53555-66-1	38-TrCB	U	0.234	pg/g	0.234	9.20
38444-88-1	39-TrCB	U	0.232	pg/g	0.232	9.20
38444-93-8	40/71-TeCB	BCJ	3.16	pg/g	0.355	18.4
52663-59-9	41-TeCB	J	0.618	pg/g	0.541	9.20
36559-22-5	42-TeCB	BJ	2.07	pg/g	0.408	9.20
70362-46-8	43-TeCB	J	0.517	pg/g	0.442	9.20
41464-39-5	44/47/65-TeCB	BCJ	14.5	pg/g	0.342	27.6
70362-45-7	45/51-TeCB	BCJ	2.73	pg/g	0.201	18.4
41464-47-5	46-TeCB	J	0.421	pg/g	0.184	9.20
70362-47-9	48-TeCB	BJ	1.62	pg/g	0.410	9.20
41464-40-8	49/69-TeCB	BCJ	6.43	pg/g	0.329	18.4
62796-65-0	50/53-TeCB	BCJ	1.29	pg/g	0.188	18.4
35693-99-3	52-TeCB	BJ	16.0	pg/g	0.421	18.4
15968-05-5	54-TeCB	U	0.116	pg/g	0.116	9.20
74338-24-2	55-TeCB	U	0.224	pg/g	0.224	9.20
41464-43-1	56-TeCB	BJ	2.42	pg/g	0.193	9.20
70424-67-8	57-TeCB	U	0.219	pg/g	0.219	9.20
41464-49-7	58-TeCB	U	0.215	pg/g	0.215	9.20
74472-33-6	59/62/75-TeCB	CJ	1.15	pg/g	0.291	27.6
33025-41-1	60-TeCB	BJ	2.08	pg/g	0.210	9.20
33284-53-6	61/70/74/76-TeCB	BCJ	16.2	pg/g	0.202	36.8
74472-34-7	63-TeCB	J	0.408	pg/g	0.208	9.20
52663-58-8	64-TeCB	BJ	3.00	pg/g	0.293	9.20
32598-10-0	66-TeCB	BJ	9.40	pg/g	0.223	18.4
73575-53-8	67-TeCB	J	0.267	pg/g	0.164	9.20
73575-52-7	68-TeCB	BJ	0.810	pg/g	0.197	9.20
41464-42-0	72-TeCB	U	0.212	pg/g	0.212	9.20
74338-23-1	73-TeCB	U	0.283	pg/g	0.283	9.20
32598-13-3	77-TeCB	J	0.955	pg/g	0.237	9.20
70362-49-1	78-TeCB	U	0.237	pg/g	0.237	9.20
41464-48-6	79-TeCB	U	0.177	pg/g	0.177	9.20
33284-52-5	80-TeCB	U	0.169	pg/g	0.169	9.20

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
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B The target analyte was detected in the associated blank.
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
70362-50-4	81-TeCB	U	0.224	pg/g	0.224	9.20
52663-62-4	82-PeCB	J	2.17	pg/g	0.407	9.20
60145-20-2	83-PeCB	J	1.26	pg/g	0.469	9.20
52663-60-2	84-PeCB	J	4.45	pg/g	0.350	9.20
65510-45-4	85/116/117-PeCB	CJ	4.88	pg/g	0.263	27.6
55312-69-1	86/87/97/109/119/125-PeCB	BCJ	12.9	pg/g	0.254	55.2
55215-17-3	88/91-PeCB	CJ	3.44	pg/g	0.372	18.4
73575-57-2	89-PeCB	U	0.429	pg/g	0.429	9.20
68194-07-0	90/101/113-PeCB	BCJ	24.3	pg/g	0.289	27.6
52663-61-3	92-PeCB	J	5.25	pg/g	0.405	9.20
73575-56-1	93/100-PeCB	CU	0.315	pg/g	0.315	18.4
73575-55-0	94-PeCB	U	0.366	pg/g	0.366	9.20
38379-99-6	95-PeCB	B	18.0	pg/g	0.396	9.20
73575-54-9	96-PeCB	J	0.191	pg/g	0.166	9.20
60233-25-2	98/102-PeCB	CJ	0.771	pg/g	0.316	18.4
38380-01-7	99-PeCB	B	14.7	pg/g	0.300	9.20
60145-21-3	103-PeCB	U	0.346	pg/g	0.346	9.20
56558-16-8	104-PeCB	U	0.118	pg/g	0.118	9.20
32598-14-4	105-PeCB	BJ	6.26	pg/g	0.270	18.4
70424-69-0	106-PeCB	U	0.269	pg/g	0.269	9.20
70424-68-9	107-PeCB	J	1.31	pg/g	0.190	9.20
70362-41-3	108/124-PeCB	CJ	0.686	pg/g	0.258	18.4
38380-03-9	110/115-PeCB	BCJ	16.9	pg/g	0.239	18.4
39635-32-0	111-PeCB	U	0.232	pg/g	0.232	9.20
74472-36-9	112-PeCB	U	0.206	pg/g	0.206	9.20
74472-37-0	114-PeCB	J	0.320	pg/g	0.263	9.20
31508-00-6	118-PeCB	B	17.4	pg/g	0.224	9.20
68194-12-7	120-PeCB	U	0.243	pg/g	0.243	9.20
56558-18-0	121-PeCB	U	0.243	pg/g	0.243	9.20
76842-07-4	122-PeCB	U	0.328	pg/g	0.328	9.20
65510-44-3	123-PeCB	J	0.294	pg/g	0.245	9.20
57465-28-8	126-PeCB	U	0.265	pg/g	0.265	9.20

Comments:

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K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
39635-33-1	127-PeCB	U	0.243	pg/g	0.243	9.20
38380-07-3	128/166-HxCB	BCJ	3.09	pg/g	0.386	18.4
55215-18-4	129/138/163-HxCB	C	30.4	pg/g	0.412	27.6
52663-66-8	130-HxCB	J	1.78	pg/g	0.506	9.20
61798-70-7	131-HxCB	U	0.552	pg/g	0.552	9.20
38380-05-1	132-HxCB	J	5.60	pg/g	0.513	9.20
35694-04-3	133-HxCB	J	0.902	pg/g	0.519	9.20
52704-70-8	134-HxCB	J	1.21	pg/g	0.646	9.20
52744-13-5	135/151-HxCB	CJ	9.34	pg/g	0.232	18.4
38411-22-2	136-HxCB	BJ	2.84	pg/g	0.186	9.20
35694-06-5	137-HxCB	U	0.473	pg/g	0.473	9.20
56030-56-9	139/140-HxCB	CJ	0.491	pg/g	0.436	18.4
52712-04-6	141-HxCB	J	0.478	pg/g	0.394	9.20
41411-61-4	142-HxCB	U	0.576	pg/g	0.576	9.20
68194-15-0	143-HxCB	U	0.569	pg/g	0.569	9.20
68194-14-9	144-HxCB	J	1.06	pg/g	0.237	9.20
74472-40-5	145-HxCB	U	0.173	pg/g	0.173	9.20
51908-16-8	146-HxCB	J	5.76	pg/g	0.355	9.20
68194-13-8	147/149-HxCB	C	19.7	pg/g	0.475	18.4
74472-41-6	148-HxCB	J	0.390	pg/g	0.236	9.20
68194-08-1	150-HxCB	U	0.175	pg/g	0.175	9.20
68194-09-2	152-HxCB	U	0.188	pg/g	0.188	9.20
35065-27-1	153/168-HxCB	C	36.1	pg/g	0.355	18.4
60145-22-4	154-HxCB	J	0.730	pg/g	0.173	9.20
33979-03-2	155-HxCB	JK	0.134	pg/g	0.129	9.20
38380-08-4	156/157-HxCB	BCJ	1.61	pg/g	0.197	18.4
74472-42-7	158-HxCB	J	1.13	pg/g	0.269	9.20
39635-35-3	159-HxCB	U	0.151	pg/g	0.151	9.20
41411-62-5	160-HxCB	U	0.368	pg/g	0.368	9.20
74472-43-8	161-HxCB	U	0.335	pg/g	0.335	9.20
39635-34-2	162-HxCB	U	0.149	pg/g	0.149	9.20
74472-45-0	164-HxCB	U	0.302	pg/g	0.302	9.20

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
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K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-46-1	165-HxCB	U	0.364	pg/g	0.364	9.20
52663-72-6	167-HxCB	BJ	0.957	pg/g	0.147	9.20
32774-16-6	169-HxCB	U	0.162	pg/g	0.162	9.20
35065-30-6	170-HpCB	J	0.552	pg/g	0.236	9.20
52663-71-5	171/173-HpCB	CJ	1.34	pg/g	0.243	18.4
52663-74-8	172-HpCB	U	0.243	pg/g	0.243	9.20
38411-25-5	174-HpCB	J	0.313	pg/g	0.226	9.20
40186-70-7	175-HpCB	J	0.309	pg/g	0.155	9.20
52663-65-7	176-HpCB	J	0.662	pg/g	0.121	9.20
52663-70-4	177-HpCB	J	3.68	pg/g	0.263	9.20
52663-67-9	178-HpCB	J	2.16	pg/g	0.167	9.20
52663-64-6	179-HpCB	J	2.48	pg/g	0.114	9.20
35065-29-3	180/193-HpCB	BCJ	2.05	pg/g	0.175	18.4
74472-47-2	181-HpCB	U	0.245	pg/g	0.245	9.20
60145-23-5	182-HpCB	U	0.127	pg/g	0.127	9.20
52663-69-1	183/185-HpCB	CJ	3.47	pg/g	0.241	18.4
74472-48-3	184-HpCB	J	0.121	pg/g	0.112	9.20
74472-49-4	186-HpCB	U	0.118	pg/g	0.118	9.20
52663-68-0	187-HpCB		12.6	pg/g	0.144	9.20
74487-85-7	188-HpCB	JK	0.112	pg/g	0.0883	9.20
39635-31-9	189-HpCB	U	0.171	pg/g	0.171	9.20
41411-64-7	190-HpCB	J	0.221	pg/g	0.153	9.20
74472-50-7	191-HpCB	U	0.164	pg/g	0.164	9.20
74472-51-8	192-HpCB	U	0.188	pg/g	0.188	9.20
35694-08-7	194-OcCB	U	0.221	pg/g	0.221	9.20
52663-78-2	195-OcCB	U	0.248	pg/g	0.248	9.20
42740-50-1	196-OcCB	U	0.201	pg/g	0.201	9.20
33091-17-7	197/200-OcCB	CJK	0.237	pg/g	0.173	18.4
68194-17-2	198/199-OcCB	BCJK	0.304	pg/g	0.212	18.4
40186-71-8	201-OcCB	BJ	0.574	pg/g	0.169	9.20
2136-99-4	202-OcCB	J	0.942	pg/g	0.129	9.20
52663-76-0	203-OcCB	BJK	0.311	pg/g	0.202	9.20

Comments:

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PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**24987003**	**Date Collected:**	**02/26/2026 13:01**	**Matrix:**	**TISSUE**
Client Sample:	**1613B/1668C/% Lipids Tissue**	**Date Received:**	**03/04/2026 11:44**		
Client ID:	**BRUHEL POINT**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/13/2026 14:24**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c13mar26a-6**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10.87 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-52-9	204-OcCB	U	0.164	pg/g	0.164	9.20
74472-53-0	205-OcCB	U	0.223	pg/g	0.223	9.20
40186-72-9	206-NoCB	U	0.173	pg/g	0.173	9.20
52663-79-3	207-NoCB	U	0.156	pg/g	0.156	9.20
52663-77-1	208-NoCB	U	0.158	pg/g	0.158	9.20
2051-24-3	209-DeCB	U	0.193	pg/g	0.193	9.20
1336-36-3	Total PCB Congeners with EMPCs	J	476	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		56.8	184	pg/g	30.9	(5%-145%)
13C-3-MoCB		67.8	184	pg/g	36.8	(5%-145%)
13C-4-DiCB		94.8	184	pg/g	51.5	(5%-145%)
13C-15-DiCB		83.5	184	pg/g	45.4	(5%-145%)
13C-19-TrCB		84.5	184	pg/g	45.9	(5%-145%)
13C-37-TrCB		102	184	pg/g	55.3	(5%-145%)
13C-54-TeCB		139	184	pg/g	75.7	(5%-145%)
13C-77-TeCB		132	184	pg/g	71.8	(10%-145%)
13C-81-TeCB		139	184	pg/g	75.4	(10%-145%)
13C-104-PeCB		104	184	pg/g	56.5	(10%-145%)
13C-105-PeCB		115	184	pg/g	62.6	(10%-145%)
13C-114-PeCB		110	184	pg/g	59.9	(10%-145%)
13C-118-PeCB		130	184	pg/g	70.8	(10%-145%)
13C-123-PeCB		122	184	pg/g	66.2	(10%-145%)
13C-126-PeCB		130	184	pg/g	70.4	(10%-145%)
13C-155-HxCB		95.5	184	pg/g	51.9	(10%-145%)
13C-156/157-HxCB	C	221	368	pg/g	60.1	(10%-145%)
13C-167-HxCB		113	184	pg/g	61.2	(10%-145%)
13C-169-HxCB		128	184	pg/g	69.4	(10%-145%)
13C-188-HpCB		142	184	pg/g	77.2	(10%-145%)
13C-189-HpCB		140	184	pg/g	75.9	(10%-145%)
13C-202-OcCB		158	184	pg/g	85.7	(10%-145%)
13C-205-OcCB		113	184	pg/g	61.4	(10%-145%)
13C-206-NoCB		149	184	pg/g	80.8	(10%-145%)
13C-208-NoCB		154	184	pg/g	83.6	(10%-145%)
13C-209-DeCB		157	184	pg/g	85.6	(10%-145%)
13C-28-TrCB		137	184	pg/g	74.5	(5%-145%)
13C-111-PeCB		140	184	pg/g	75.9	(10%-145%)
13C-178-HpCB		155	184	pg/g	84.3	(10%-145%)

Comments:

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Quality Control Summary

PCB Congeners

Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12041945	LCS for batch 65230	13C-1-MoCB		23.1	(15%-145%)
		13C-3-MoCB		28.4	(15%-145%)
		13C-4-DiCB		38.5	(15%-145%)
		13C-15-DiCB		37.1	(15%-145%)
		13C-19-TrCB		39.7	(15%-145%)
		13C-37-TrCB		43.4	(15%-145%)
		13C-54-TeCB		62.6	(15%-145%)
		13C-77-TeCB		49.2	(40%-145%)
		13C-81-TeCB		52.1	(40%-145%)
		13C-104-PeCB		51.6	(40%-145%)
		13C-105-PeCB		48.1	(40%-145%)
		13C-114-PeCB		45.9	(40%-145%)
		13C-118-PeCB		50.4	(40%-145%)
		13C-123-PeCB		53.4	(40%-145%)
		13C-126-PeCB		48.0	(40%-145%)
		13C-155-HxCB		53.6	(40%-145%)
		13C-156/157-HxCB	C	47.5	(40%-145%)
		13C-167-HxCB		48.4	(40%-145%)
		13C-169-HxCB		47.3	(40%-145%)
		13C-188-HpCB		59.3	(40%-145%)
		13C-189-HpCB		55.6	(40%-145%)
		13C-202-OcCB		57.0	(40%-145%)
		13C-205-OcCB		59.2	(40%-145%)
		13C-206-NoCB		65.5	(40%-145%)
		13C-208-NoCB		51.3	(40%-145%)
		13C-209-DeCB		76.6	(40%-145%)
		13C-28-TrCB		66.6	(15%-145%)
		13C-111-PeCB		66.1	(40%-145%)
		13C-178-HpCB		75.5	(40%-145%)
12041946	LCSD for batch 65230	13C-1-MoCB		27.2	(15%-145%)
		13C-3-MoCB		30.6	(15%-145%)
		13C-4-DiCB		42.9	(15%-145%)
		13C-15-DiCB		36.7	(15%-145%)
		13C-19-TrCB		41.4	(15%-145%)
		13C-37-TrCB		40.5	(15%-145%)
		13C-54-TeCB		60.1	(15%-145%)
		13C-77-TeCB		45.7	(40%-145%)
		13C-81-TeCB		48.5	(40%-145%)
		13C-104-PeCB		46.1	(40%-145%)
		13C-105-PeCB		45.0	(40%-145%)
		13C-114-PeCB		43.7	(40%-145%)
		13C-118-PeCB		46.4	(40%-145%)
		13C-123-PeCB		49.0	(40%-145%)
		13C-126-PeCB		46.5	(40%-145%)
		13C-155-HxCB		45.6	(40%-145%)
		13C-156/157-HxCB	C	42.9	(40%-145%)
		13C-167-HxCB		43.4	(40%-145%)
		13C-169-HxCB		44.5	(40%-145%)
		13C-188-HpCB		52.5	(40%-145%)
		13C-189-HpCB		52.1	(40%-145%)
		13C-202-OcCB		51.5	(40%-145%)
		13C-205-OcCB		53.8	(40%-145%)

PCB Congeners

Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12041946	LCSD for batch 65230	13C-206-NoCB		58.8	(40%-145%)
		13C-208-NoCB		48.0	(40%-145%)
		13C-209-DeCB		70.1	(40%-145%)
		13C-28-TrCB		58.6	(15%-145%)
		13C-111-PeCB		57.2	(40%-145%)
		13C-178-HpCB		63.0	(40%-145%)
12041944	MB for batch 65230	13C-1-MoCB		23.6	(5%-145%)
		13C-3-MoCB		25.9	(5%-145%)
		13C-4-DiCB		33.3	(5%-145%)
		13C-15-DiCB		29.1	(5%-145%)
		13C-19-TrCB		29.8	(5%-145%)
		13C-37-TrCB		37.5	(5%-145%)
		13C-54-TeCB		48.4	(5%-145%)
		13C-77-TeCB		41.8	(10%-145%)
		13C-81-TeCB		43.9	(10%-145%)
		13C-104-PeCB		39.4	(10%-145%)
		13C-105-PeCB		39.8	(10%-145%)
		13C-114-PeCB		38.2	(10%-145%)
		13C-118-PeCB		40.0	(10%-145%)
		13C-123-PeCB		41.7	(10%-145%)
		13C-126-PeCB		41.1	(10%-145%)
		13C-155-HxCB		41.5	(10%-145%)
		13C-156/157-HxCB	C	38.7	(10%-145%)
		13C-167-HxCB		38.7	(10%-145%)
		13C-169-HxCB		39.4	(10%-145%)
		13C-188-HpCB		48.6	(10%-145%)
		13C-189-HpCB		47.4	(10%-145%)
		13C-202-OcCB		47.5	(10%-145%)
		13C-205-OcCB		46.6	(10%-145%)
		13C-206-NoCB		49.5	(10%-145%)
		13C-208-NoCB		43.4	(10%-145%)
		13C-209-DeCB		58.0	(10%-145%)
		13C-28-TrCB		54.5	(5%-145%)
		13C-111-PeCB		51.4	(10%-145%)
		13C-178-HpCB		56.7	(10%-145%)
24987001	SOLDIER BAY SOUTH	13C-1-MoCB		26.9	(5%-145%)
		13C-3-MoCB		34.6	(5%-145%)
		13C-4-DiCB		47.4	(5%-145%)
		13C-15-DiCB		50.2	(5%-145%)
		13C-19-TrCB		44.5	(5%-145%)
		13C-37-TrCB		64.7	(5%-145%)
		13C-54-TeCB		85.9	(5%-145%)
		13C-77-TeCB		75.5	(10%-145%)
		13C-81-TeCB		81.2	(10%-145%)
		13C-104-PeCB		66.4	(10%-145%)
		13C-105-PeCB		66.1	(10%-145%)
		13C-114-PeCB		64.7	(10%-145%)
		13C-118-PeCB		79.6	(10%-145%)
		13C-123-PeCB		72.3	(10%-145%)
		13C-126-PeCB		72.2	(10%-145%)
		13C-155-HxCB		63.1	(10%-145%)

PCB Congeners

Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
24987001	SOLDIER BAY SOUTH	13C-156/157-HxCB	C	67.1	(10%-145%)
		13C-167-HxCB		68.8	(10%-145%)
		13C-169-HxCB		79.7	(10%-145%)
		13C-188-HpCB		76.1	(10%-145%)
		13C-189-HpCB		83.5	(10%-145%)
		13C-202-OcCB		82.0	(10%-145%)
		13C-205-OcCB		72.4	(10%-145%)
		13C-206-NoCB		92.6	(10%-145%)
		13C-208-NoCB		95.8	(10%-145%)
		13C-209-DeCB		99.5	(10%-145%)
		13C-28-TrCB		83.4	(5%-145%)
		13C-111-PeCB		77.6	(10%-145%)
		13C-178-HpCB		84.5	(10%-145%)
24987002	SOLDIER BAY NORTH	13C-1-MoCB		29.3	(5%-145%)
		13C-3-MoCB		33.8	(5%-145%)
		13C-4-DiCB		48.5	(5%-145%)
		13C-15-DiCB		41.5	(5%-145%)
		13C-19-TrCB		42.9	(5%-145%)
		13C-37-TrCB		54.7	(5%-145%)
		13C-54-TeCB		72.1	(5%-145%)
		13C-77-TeCB		64.2	(10%-145%)
		13C-81-TeCB		70.4	(10%-145%)
		13C-104-PeCB		55.1	(10%-145%)
		13C-105-PeCB		59.2	(10%-145%)
		13C-114-PeCB		56.2	(10%-145%)
		13C-118-PeCB		65.7	(10%-145%)
		13C-123-PeCB		61.1	(10%-145%)
		13C-126-PeCB		65.8	(10%-145%)
		13C-155-HxCB		52.4	(10%-145%)
		13C-156/157-HxCB	C	57.6	(10%-145%)
		13C-167-HxCB		58.8	(10%-145%)
		13C-169-HxCB		62.9	(10%-145%)
		13C-188-HpCB		56.6	(10%-145%)
		13C-189-HpCB		62.5	(10%-145%)
		13C-202-OcCB		62.0	(10%-145%)
		13C-205-OcCB		64.9	(10%-145%)
		13C-206-NoCB		69.7	(10%-145%)
		13C-208-NoCB		67.2	(10%-145%)
		13C-209-DeCB		81.1	(10%-145%)
		13C-28-TrCB		68.3	(5%-145%)
		13C-111-PeCB		66.2	(10%-145%)
		13C-178-HpCB		76.0	(10%-145%)
24987003	BRUHEL POINT	13C-1-MoCB		30.9	(5%-145%)
		13C-3-MoCB		36.8	(5%-145%)
		13C-4-DiCB		51.5	(5%-145%)
		13C-15-DiCB		45.4	(5%-145%)
		13C-19-TrCB		45.9	(5%-145%)
		13C-37-TrCB		55.3	(5%-145%)
		13C-54-TeCB		75.7	(5%-145%)
		13C-77-TeCB		71.8	(10%-145%)
		13C-81-TeCB		75.4	(10%-145%)

PCB Congeners

Surrogate Recovery Report

SDG Number: 24987

Matrix Type: TISSUE

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
24987003	BRUHEL POINT	13C-104-PeCB		56.5	(10%-145%)
		13C-105-PeCB		62.6	(10%-145%)
		13C-114-PeCB		59.9	(10%-145%)
		13C-118-PeCB		70.8	(10%-145%)
		13C-123-PeCB		66.2	(10%-145%)
		13C-126-PeCB		70.4	(10%-145%)
		13C-155-HxCB		51.9	(10%-145%)
		13C-156/157-HxCB	C	60.1	(10%-145%)
		13C-167-HxCB		61.2	(10%-145%)
		13C-169-HxCB		69.4	(10%-145%)
		13C-188-HpCB		77.2	(10%-145%)
		13C-189-HpCB		75.9	(10%-145%)
		13C-202-OcCB		85.7	(10%-145%)
		13C-205-OcCB		61.4	(10%-145%)
		13C-206-NoCB		80.8	(10%-145%)
		13C-208-NoCB		83.6	(10%-145%)
		13C-209-DeCB		85.6	(10%-145%)
		13C-28-TrCB		74.5	(5%-145%)
		13C-111-PeCB		75.9	(10%-145%)
		13C-178-HpCB		84.3	(10%-145%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

PCB Congeners

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Laboratory Control Sample

Client ID: LCS for batch 65230 **Matrix:** TISSUE

Lab Sample ID: 12041945

Instrument: HRP791 **Analysis Date:** 03/12/2026 17:47 **Dilution:** 1

Analyst: RC1 **Prep Batch ID:** 65230

Batch ID: 65233

CAS No.		Parmname	Amount Added pg/g		Spike Conc. pg/g	Recovery %	Acceptance Limits
2051-60-7	LCS	1-MoCB	50.0		52.7	105	60-135
2051-62-9	LCS	3-MoCB	50.0		57.1	114	60-135
13029-08-8	LCS	4-DiCB	50.0		39.8	79.6	60-135
2050-68-2	LCS	15-DiCB	50.0		62.7	125	60-135
38444-73-4	LCS	19-TrCB	50.0		48.7	97.5	60-135
38444-90-5	LCS	37-TrCB	50.0		62.3	125	60-135
15968-05-5	LCS	54-TeCB	100		100	100	60-135
32598-13-3	LCS	77-TeCB	100		115	115	60-135
70362-50-4	LCS	81-TeCB	100		86.0	86	60-135
56558-16-8	LCS	104-PeCB	100		106	106	60-135
32598-14-4	LCS	105-PeCB	100		92.1	92.1	60-135
74472-37-0	LCS	114-PeCB	100		110	110	60-135
31508-00-6	LCS	118-PeCB	100		103	103	60-135
65510-44-3	LCS	123-PeCB	100		94.8	94.8	60-135
57465-28-8	LCS	126-PeCB	100		111	111	60-135
33979-03-2	LCS	155-HxCB	100		96.9	96.9	60-135
38380-08-4	LCS	156/157-HxCB	200	C	210	105	60-135
52663-72-6	LCS	167-HxCB	100		109	109	60-135
32774-16-6	LCS	169-HxCB	100		117	117	60-135
74487-85-7	LCS	188-HpCB	100		99.8	99.8	60-135
39635-31-9	LCS	189-HpCB	100		116	116	60-135
2136-99-4	LCS	202-OcCB	150		162	108	60-135
74472-53-0	LCS	205-OcCB	150		153	102	60-135
40186-72-9	LCS	206-NoCB	150		161	108	60-135
52663-77-1	LCS	208-NoCB	150		169	113	60-135
2051-24-3	LCS	209-DeCB	150		153	102	60-135

PCB Congeners

Quality Control Summary
Spike Recovery Report

SDG Number: 24987 **Sample Type:** Laboratory Control Sample Duplicate

Client ID: LCSD for batch 65230 **Matrix:** TISSUE

Lab Sample ID: 12041946

Instrument: HRP791 **Analysis Date:** 03/12/2026 18:56 **Dilution:** 1

Analyst: RC1 **Prep Batch ID:** 65230

Batch ID: 65233

CAS No.		Parmname	Amount Added pg/g		Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
2051-60-7	LCSD	1-MoCB	50.0		55.9	112	60-135	5.90	0-30
2051-62-9	LCSD	3-MoCB	50.0		59.8	120	60-135	4.61	0-30
13029-08-8	LCSD	4-DiCB	50.0		39.8	79.7	60-135	0.121	0-30
2050-68-2	LCSD	15-DiCB	50.0		66.9	134	60-135	6.48	0-30
38444-73-4	LCSD	19-TrCB	50.0		51.1	102	60-135	4.69	0-30
38444-90-5	LCSD	37-TrCB	50.0		64.0	128	60-135	2.82	0-30
15968-05-5	LCSD	54-TeCB	100		101	101	60-135	1.24	0-30
32598-13-3	LCSD	77-TeCB	100		117	117	60-135	1.96	0-30
70362-50-4	LCSD	81-TeCB	100		89.5	89.5	60-135	4.02	0-30
56558-16-8	LCSD	104-PeCB	100		107	107	60-135	1.77	0-30
32598-14-4	LCSD	105-PeCB	100		98.2	98.2	60-135	6.37	0-30
74472-37-0	LCSD	114-PeCB	100		112	112	60-135	2.58	0-30
31508-00-6	LCSD	118-PeCB	100		105	105	60-135	1.51	0-30
65510-44-3	LCSD	123-PeCB	100		101	101	60-135	6.67	0-30
57465-28-8	LCSD	126-PeCB	100		114	114	60-135	2.69	0-30
33979-03-2	LCSD	155-HxCB	100		99.2	99.2	60-135	2.34	0-30
38380-08-4	LCSD	156/157-HxCB	200	C	217	109	60-135	3.57	0-30
52663-72-6	LCSD	167-HxCB	100		112	112	60-135	2.79	0-30
32774-16-6	LCSD	169-HxCB	100		117	117	60-135	0.513	0-30
74487-85-7	LCSD	188-HpCB	100		102	102	60-135	2.18	0-30
39635-31-9	LCSD	189-HpCB	100		117	117	60-135	0.628	0-30
2136-99-4	LCSD	202-OcCB	150		164	110	60-135	1.57	0-30
74472-53-0	LCSD	205-OcCB	150		159	106	60-135	3.34	0-30
40186-72-9	LCSD	206-NoCB	150		167	112	60-135	3.66	0-30
52663-77-1	LCSD	208-NoCB	150		170	114	60-135	0.884	0-30
2051-24-3	LCSD	209-DeCB	150		155	103	60-135	1.10	0-30

Method Blank Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Matrix:**	**TISSUE**
Client ID:	**MB for batch 65230**	**Instrument ID:**	**HRP791**	**Data File:**	**c12mar26b-5**
Lab Sample ID:	**12041944**	**Prep Date:**	**11-MAR-26**	**Analyzed:**	**03/12/26 20:05**
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 65230	12041945	c12mar26b-3	03/12/26	1747
02	LCSD for batch 65230	12041946	c12mar26b-4	03/12/26	1856
03	SOLDIER BAY SOUTH	24987001	c13mar26a-4	03/13/26	1207
04	SOLDIER BAY NORTH	24987002	c13mar26a-5	03/13/26	1316
05	BRUHEL POINT	24987003	c13mar26a-6	03/13/26	1424

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB	U	0.436	pg/g	0.436	10.0
2051-61-8	2-MoCB	U	0.506	pg/g	0.506	10.0
2051-62-9	3-MoCB	JK	0.606	pg/g	0.486	10.0
13029-08-8	4-DiCB	U	1.01	pg/g	1.01	10.0
16605-91-7	5-DiCB	U	1.03	pg/g	1.03	10.0
25569-80-6	6-DiCB	U	0.880	pg/g	0.880	10.0
33284-50-3	7-DiCB	U	0.882	pg/g	0.882	10.0
34883-43-7	8-DiCB	U	0.760	pg/g	0.760	10.0
34883-39-1	9-DiCB	U	0.994	pg/g	0.994	10.0
33146-45-1	10-DiCB	U	0.746	pg/g	0.746	10.0
2050-67-1	11-DiCB	J	24.5	pg/g	1.03	40.0
2974-92-7	12/13-DiCB	CU	0.950	pg/g	0.950	20.0
34883-41-5	14-DiCB	U	0.976	pg/g	0.976	10.0
2050-68-2	15-DiCB	U	1.23	pg/g	1.23	10.0
38444-78-9	16-TrCB	U	0.558	pg/g	0.558	10.0
37680-66-3	17-TrCB	U	0.604	pg/g	0.604	10.0
37680-65-2	18/30-TrCB	CJ	0.982	pg/g	0.544	20.0
38444-73-4	19-TrCB	U	0.666	pg/g	0.666	10.0
38444-84-7	20/28-TrCB	CJ	2.83	pg/g	0.480	20.0
55702-46-0	21/33-TrCB	CJ	1.78	pg/g	0.480	20.0
38444-85-8	22-TrCB	J	1.12	pg/g	0.520	10.0
55720-44-0	23-TrCB	U	0.486	pg/g	0.486	10.0
55702-45-9	24-TrCB	U	0.528	pg/g	0.528	10.0
55712-37-3	25-TrCB	U	0.432	pg/g	0.432	10.0
38444-81-4	26/29-TrCB	CJK	0.674	pg/g	0.462	20.0
38444-76-7	27-TrCB	U	0.486	pg/g	0.486	10.0
16606-02-3	31-TrCB	J	2.55	pg/g	0.472	10.0
38444-77-8	32-TrCB	U	0.446	pg/g	0.446	10.0
37680-68-5	34-TrCB	U	0.532	pg/g	0.532	10.0
37680-69-6	35-TrCB	U	0.560	pg/g	0.560	10.0
38444-87-0	36-TrCB	U	0.426	pg/g	0.426	10.0
38444-90-5	37-TrCB	J	1.00	pg/g	0.604	10.0

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
53555-66-1	38-TrCB	U	0.520	pg/g	0.520	10.0
38444-88-1	39-TrCB	U	0.510	pg/g	0.510	10.0
38444-93-8	40/71-TeCB	CJK	1.73	pg/g	0.682	20.0
52663-59-9	41-TeCB	U	1.02	pg/g	1.02	10.0
36559-22-5	42-TeCB	JK	0.980	pg/g	0.766	10.0
70362-46-8	43-TeCB	U	0.778	pg/g	0.778	10.0
41464-39-5	44/47/65-TeCB	CJ	4.79	pg/g	0.644	30.0
70362-45-7	45/51-TeCB	CJ	1.37	pg/g	0.368	20.0
41464-47-5	46-TeCB	U	0.342	pg/g	0.342	10.0
70362-47-9	48-TeCB	JK	0.834	pg/g	0.764	10.0
41464-40-8	49/69-TeCB	CJ	1.92	pg/g	0.612	20.0
62796-65-0	50/53-TeCB	CJ	0.632	pg/g	0.344	20.0
35693-99-3	52-TeCB	J	4.67	pg/g	0.794	20.0
15968-05-5	54-TeCB	U	0.224	pg/g	0.224	10.0
74338-24-2	55-TeCB	U	0.554	pg/g	0.554	10.0
41464-43-1	56-TeCB	J	1.69	pg/g	0.502	10.0
70424-67-8	57-TeCB	U	0.532	pg/g	0.532	10.0
41464-49-7	58-TeCB	U	0.528	pg/g	0.528	10.0
74472-33-6	59/62/75-TeCB	CU	0.558	pg/g	0.558	30.0
33025-41-1	60-TeCB	J	1.15	pg/g	0.548	10.0
33284-53-6	61/70/74/76-TeCB	CJ	7.65	pg/g	0.502	40.0
74472-34-7	63-TeCB	U	0.518	pg/g	0.518	10.0
52663-58-8	64-TeCB	J	1.61	pg/g	0.552	10.0
32598-10-0	66-TeCB	J	3.43	pg/g	0.548	20.0
73575-53-8	67-TeCB	U	0.418	pg/g	0.418	10.0
73575-52-7	68-TeCB	JK	0.502	pg/g	0.478	10.0
41464-42-0	72-TeCB	U	0.518	pg/g	0.518	10.0
74338-23-1	73-TeCB	U	0.546	pg/g	0.546	10.0
32598-13-3	77-TeCB	U	0.644	pg/g	0.644	10.0
70362-49-1	78-TeCB	U	0.660	pg/g	0.660	10.0
41464-48-6	79-TeCB	U	0.516	pg/g	0.516	10.0
33284-52-5	80-TeCB	U	0.428	pg/g	0.428	10.0

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
70362-50-4	81-TeCB	U	0.602	pg/g	0.602	10.0
52663-62-4	82-PeCB	U	1.18	pg/g	1.18	10.0
60145-20-2	83-PeCB	U	1.34	pg/g	1.34	10.0
52663-60-2	84-PeCB	U	0.942	pg/g	0.942	10.0
65510-45-4	85/116/117-PeCB	CU	0.790	pg/g	0.790	30.0
55312-69-1	86/87/97/109/119/125-PeCB	CJ	3.14	pg/g	0.790	60.0
55215-17-3	88/91-PeCB	CU	1.01	pg/g	1.01	20.0
73575-57-2	89-PeCB	U	1.20	pg/g	1.20	10.0
68194-07-0	90/101/113-PeCB	CJ	3.65	pg/g	0.822	30.0
52663-61-3	92-PeCB	U	1.12	pg/g	1.12	10.0
73575-56-1	93/100-PeCB	CU	0.876	pg/g	0.876	20.0
73575-55-0	94-PeCB	U	0.970	pg/g	0.970	10.0
38379-99-6	95-PeCB	J	2.74	pg/g	1.08	10.0
73575-54-9	96-PeCB	U	0.486	pg/g	0.486	10.0
60233-25-2	98/102-PeCB	CU	0.874	pg/g	0.874	20.0
38380-01-7	99-PeCB	J	1.84	pg/g	0.856	10.0
60145-21-3	103-PeCB	U	0.956	pg/g	0.956	10.0
56558-16-8	104-PeCB	U	0.370	pg/g	0.370	10.0
32598-14-4	105-PeCB	JK	1.07	pg/g	0.754	20.0
70424-69-0	106-PeCB	U	0.728	pg/g	0.728	10.0
70424-68-9	107-PeCB	U	0.532	pg/g	0.532	10.0
70362-41-3	108/124-PeCB	CU	0.694	pg/g	0.694	20.0
38380-03-9	110/115-PeCB	CJ	2.92	pg/g	0.710	20.0
39635-32-0	111-PeCB	U	0.734	pg/g	0.734	10.0
74472-36-9	112-PeCB	U	0.632	pg/g	0.632	10.0
74472-37-0	114-PeCB	U	0.732	pg/g	0.732	10.0
31508-00-6	118-PeCB	JK	2.07	pg/g	0.684	10.0
68194-12-7	120-PeCB	U	0.784	pg/g	0.784	10.0
56558-18-0	121-PeCB	U	0.704	pg/g	0.704	10.0
76842-07-4	122-PeCB	U	0.920	pg/g	0.920	10.0
65510-44-3	123-PeCB	U	0.718	pg/g	0.718	10.0
57465-28-8	126-PeCB	U	0.826	pg/g	0.826	10.0

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
39635-33-1	127-PeCB	U	0.764	pg/g	0.764	10.0
38380-07-3	128/166-HxCB	CJ	0.454	pg/g	0.428	20.0
55215-18-4	129/138/163-HxCB	CJ	1.13	pg/g	0.444	30.0
52663-66-8	130-HxCB	U	0.564	pg/g	0.564	10.0
61798-70-7	131-HxCB	U	0.560	pg/g	0.560	10.0
38380-05-1	132-HxCB	U	0.526	pg/g	0.526	10.0
35694-04-3	133-HxCB	U	0.550	pg/g	0.550	10.0
52704-70-8	134-HxCB	U	0.600	pg/g	0.600	10.0
52744-13-5	135/151-HxCB	CJ	0.626	pg/g	0.322	20.0
38411-22-2	136-HxCB	J	0.304	pg/g	0.238	10.0
35694-06-5	137-HxCB	U	0.506	pg/g	0.506	10.0
56030-56-9	139/140-HxCB	CU	0.434	pg/g	0.434	20.0
52712-04-6	141-HxCB	U	0.422	pg/g	0.422	10.0
41411-61-4	142-HxCB	U	0.578	pg/g	0.578	10.0
68194-15-0	143-HxCB	U	0.542	pg/g	0.542	10.0
68194-14-9	144-HxCB	U	0.320	pg/g	0.320	10.0
74472-40-5	145-HxCB	U	0.232	pg/g	0.232	10.0
51908-16-8	146-HxCB	U	0.386	pg/g	0.386	10.0
68194-13-8	147/149-HxCB	CJ	0.990	pg/g	0.446	20.0
74472-41-6	148-HxCB	U	0.314	pg/g	0.314	10.0
68194-08-1	150-HxCB	U	0.216	pg/g	0.216	10.0
68194-09-2	152-HxCB	U	0.234	pg/g	0.234	10.0
35065-27-1	153/168-HxCB	CJ	0.906	pg/g	0.394	20.0
60145-22-4	154-HxCB	U	0.236	pg/g	0.236	10.0
33979-03-2	155-HxCB	U	0.172	pg/g	0.172	10.0
38380-08-4	156/157-HxCB	CJK	0.616	pg/g	0.370	20.0
74472-42-7	158-HxCB	U	0.306	pg/g	0.306	10.0
39635-35-3	159-HxCB	U	0.254	pg/g	0.254	10.0
41411-62-5	160-HxCB	U	0.404	pg/g	0.404	10.0
74472-43-8	161-HxCB	U	0.376	pg/g	0.376	10.0
39635-34-2	162-HxCB	U	0.250	pg/g	0.250	10.0
74472-45-0	164-HxCB	U	0.330	pg/g	0.330	10.0

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-46-1	165-HxCB	U	0.404	pg/g	0.404	10.0
52663-72-6	167-HxCB	JK	0.366	pg/g	0.274	10.0
32774-16-6	169-HxCB	JK	0.328	pg/g	0.304	10.0
35065-30-6	170-HpCB	U	0.348	pg/g	0.348	10.0
52663-71-5	171/173-HpCB	CU	0.324	pg/g	0.324	20.0
52663-74-8	172-HpCB	U	0.348	pg/g	0.348	10.0
38411-25-5	174-HpCB	U	0.292	pg/g	0.292	10.0
40186-70-7	175-HpCB	U	0.314	pg/g	0.314	10.0
52663-65-7	176-HpCB	U	0.244	pg/g	0.244	10.0
52663-70-4	177-HpCB	U	0.346	pg/g	0.346	10.0
52663-67-9	178-HpCB	U	0.342	pg/g	0.342	10.0
52663-64-6	179-HpCB	U	0.238	pg/g	0.238	10.0
35065-29-3	180/193-HpCB	CJK	0.416	pg/g	0.260	20.0
74472-47-2	181-HpCB	U	0.328	pg/g	0.328	10.0
60145-23-5	182-HpCB	U	0.274	pg/g	0.274	10.0
52663-69-1	183/185-HpCB	CU	0.314	pg/g	0.314	20.0
74472-48-3	184-HpCB	U	0.230	pg/g	0.230	10.0
74472-49-4	186-HpCB	U	0.246	pg/g	0.246	10.0
52663-68-0	187-HpCB	JK	0.362	pg/g	0.302	10.0
74487-85-7	188-HpCB	U	0.216	pg/g	0.216	10.0
39635-31-9	189-HpCB	U	0.278	pg/g	0.278	10.0
41411-64-7	190-HpCB	U	0.256	pg/g	0.256	10.0
74472-50-7	191-HpCB	U	0.248	pg/g	0.248	10.0
74472-51-8	192-HpCB	U	0.276	pg/g	0.276	10.0
35694-08-7	194-OcCB	U	0.354	pg/g	0.354	10.0
52663-78-2	195-OcCB	U	0.378	pg/g	0.378	10.0
42740-50-1	196-OcCB	U	0.288	pg/g	0.288	10.0
33091-17-7	197/200-OcCB	CU	0.224	pg/g	0.224	20.0
68194-17-2	198/199-OcCB	CJK	0.438	pg/g	0.302	20.0
40186-71-8	201-OcCB	J	0.220	pg/g	0.210	10.0
2136-99-4	202-OcCB	U	0.222	pg/g	0.222	10.0
52663-76-0	203-OcCB	JK	0.316	pg/g	0.286	10.0

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.
J Value is estimated
C Congener has coeluters. When Cxxx, refer to congener number xxx for data
K Estimated Maximum Possible Concentration

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041944**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**MB for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 20:05**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-5**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
74472-52-9	204-OcCB	U	0.214	pg/g	0.214	10.0
74472-53-0	205-OcCB	JK	0.284	pg/g	0.258	10.0
40186-72-9	206-NoCB	U	0.334	pg/g	0.334	10.0
52663-79-3	207-NoCB	U	0.274	pg/g	0.274	10.0
52663-77-1	208-NoCB	U	0.286	pg/g	0.286	10.0
2051-24-3	209-DeCB	J	0.146	pg/g	0.0840	10.0
1336-36-3	Total PCB Congeners with EMPCs	J	94.3	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		47.3	200	pg/g	23.6	(5%-145%)
13C-3-MoCB		51.8	200	pg/g	25.9	(5%-145%)
13C-4-DiCB		66.6	200	pg/g	33.3	(5%-145%)
13C-15-DiCB		58.3	200	pg/g	29.1	(5%-145%)
13C-19-TrCB		59.6	200	pg/g	29.8	(5%-145%)
13C-37-TrCB		75.0	200	pg/g	37.5	(5%-145%)
13C-54-TeCB		96.7	200	pg/g	48.4	(5%-145%)
13C-77-TeCB		83.6	200	pg/g	41.8	(10%-145%)
13C-81-TeCB		87.9	200	pg/g	43.9	(10%-145%)
13C-104-PeCB		78.8	200	pg/g	39.4	(10%-145%)
13C-105-PeCB		79.6	200	pg/g	39.8	(10%-145%)
13C-114-PeCB		76.4	200	pg/g	38.2	(10%-145%)
13C-118-PeCB		79.9	200	pg/g	40.0	(10%-145%)
13C-123-PeCB		83.5	200	pg/g	41.7	(10%-145%)
13C-126-PeCB		82.1	200	pg/g	41.1	(10%-145%)
13C-155-HxCB		82.9	200	pg/g	41.5	(10%-145%)
13C-156/157-HxCB	C	155	400	pg/g	38.7	(10%-145%)
13C-167-HxCB		77.4	200	pg/g	38.7	(10%-145%)
13C-169-HxCB		78.9	200	pg/g	39.4	(10%-145%)
13C-188-HpCB		97.1	200	pg/g	48.6	(10%-145%)
13C-189-HpCB		94.9	200	pg/g	47.4	(10%-145%)
13C-202-OcCB		94.9	200	pg/g	47.5	(10%-145%)
13C-205-OcCB		93.3	200	pg/g	46.6	(10%-145%)
13C-206-NoCB		99.0	200	pg/g	49.5	(10%-145%)
13C-208-NoCB		86.8	200	pg/g	43.4	(10%-145%)
13C-209-DeCB		116	200	pg/g	58.0	(10%-145%)
13C-28-TrCB		109	200	pg/g	54.5	(5%-145%)
13C-111-PeCB		103	200	pg/g	51.4	(10%-145%)
13C-178-HpCB		113	200	pg/g	56.7	(10%-145%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

J Value is estimated

C Congener has coeluters. When Cxxx, refer to congener number xxx for data

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number: 24987 **Client:** FARA001 **Project:** FARA00126
Lab Sample ID: 12041945 **Matrix:** TISSUE
Client Sample: QC for batch 65230
Client ID: LCS for batch 65230 **Prep Basis:** As Received
Batch ID: 65233 **Method:** EPA Method 1668C
Run Date: 03/12/2026 17:47 **Analyst:** RC1 **Instrument:** HRP791
Data File: c12mar26b-3 **Dilution:** 1
Prep Batch: 65230 **Prep Method:** SW846 3540C **Prep SOP Ref:** CF-OA-E-001
Prep Date: 11-MAR-26 **Prep Aliquot:** 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB		52.7	pg/g	0.542	10.0
2051-62-9	3-MoCB		57.1	pg/g	0.552	10.0
13029-08-8	4-DiCB		39.8	pg/g	0.762	10.0
2050-68-2	15-DiCB		62.7	pg/g	0.826	10.0
38444-73-4	19-TrCB		48.7	pg/g	0.496	10.0
38444-90-5	37-TrCB		62.3	pg/g	0.560	10.0
15968-05-5	54-TeCB		100	pg/g	0.130	10.0
32598-13-3	77-TeCB		115	pg/g	0.938	10.0
70362-50-4	81-TeCB		86.0	pg/g	0.870	10.0
56558-16-8	104-PeCB		106	pg/g	0.322	10.0
32598-14-4	105-PeCB		92.1	pg/g	1.20	20.0
74472-37-0	114-PeCB		110	pg/g	1.20	10.0
31508-00-6	118-PeCB		103	pg/g	1.09	10.0
65510-44-3	123-PeCB		94.8	pg/g	1.05	10.0
57465-28-8	126-PeCB		111	pg/g	1.42	10.0
33979-03-2	155-HxCB		96.9	pg/g	0.664	10.0
38380-08-4	156/157-HxCB	C	210	pg/g	0.920	20.0
52663-72-6	167-HxCB		109	pg/g	0.676	10.0
32774-16-6	169-HxCB		117	pg/g	0.818	10.0
74487-85-7	188-HpCB		99.8	pg/g	0.158	10.0
39635-31-9	189-HpCB		116	pg/g	0.374	10.0
2136-99-4	202-OcCB		162	pg/g	0.196	10.0
74472-53-0	205-OcCB		153	pg/g	0.306	10.0
40186-72-9	206-NoCB		161	pg/g	0.342	10.0
52663-77-1	208-NoCB		169	pg/g	0.324	10.0
2051-24-3	209-DeCB		153	pg/g	0.0980	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		46.2	200	pg/g	23.1	(15%-145%)
13C-3-MoCB		56.8	200	pg/g	28.4	(15%-145%)
13C-4-DiCB		77.0	200	pg/g	38.5	(15%-145%)
13C-15-DiCB		74.3	200	pg/g	37.1	(15%-145%)
13C-19-TrCB		79.5	200	pg/g	39.7	(15%-145%)
13C-37-TrCB		86.7	200	pg/g	43.4	(15%-145%)
13C-54-TeCB		125	200	pg/g	62.6	(15%-145%)
13C-77-TeCB		98.5	200	pg/g	49.2	(40%-145%)
13C-81-TeCB		104	200	pg/g	52.1	(40%-145%)
13C-104-PeCB		103	200	pg/g	51.6	(40%-145%)
13C-105-PeCB		96.1	200	pg/g	48.1	(40%-145%)
13C-114-PeCB		91.9	200	pg/g	45.9	(40%-145%)
13C-118-PeCB		101	200	pg/g	50.4	(40%-145%)
13C-123-PeCB		107	200	pg/g	53.4	(40%-145%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041945**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**LCS for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 17:47**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-3**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-126-PeCB		96.0	200	pg/g	48.0	(40%-145%)
13C-155-HxCB		107	200	pg/g	53.6	(40%-145%)
13C-156/157-HxCB	C	190	400	pg/g	47.5	(40%-145%)
13C-167-HxCB		96.8	200	pg/g	48.4	(40%-145%)
13C-169-HxCB		94.7	200	pg/g	47.3	(40%-145%)
13C-188-HpCB		119	200	pg/g	59.3	(40%-145%)
13C-189-HpCB		111	200	pg/g	55.6	(40%-145%)
13C-202-OcCB		114	200	pg/g	57.0	(40%-145%)
13C-205-OcCB		118	200	pg/g	59.2	(40%-145%)
13C-206-NoCB		131	200	pg/g	65.5	(40%-145%)
13C-208-NoCB		103	200	pg/g	51.3	(40%-145%)
13C-209-DeCB		153	200	pg/g	76.6	(40%-145%)
13C-28-TrCB		133	200	pg/g	66.6	(15%-145%)
13C-111-PeCB		132	200	pg/g	66.1	(40%-145%)
13C-178-HpCB		151	200	pg/g	75.5	(40%-145%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**

J **Value is estimated**

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number: 24987 **Client:** FARA001 **Project:** FARA00126
Lab Sample ID: 12041946 **Matrix:** TISSUE
Client Sample: QC for batch 65230
Client ID: LCSD for batch 65230 **Prep Basis:** As Received
Batch ID: 65233 **Method:** EPA Method 1668C
Run Date: 03/12/2026 18:56 **Analyst:** RC1 **Instrument:** HRP791
Data File: c12mar26b-4 **Dilution:** 1
Prep Batch: 65230 **Prep Method:** SW846 3540C **Prep SOP Ref:** CF-OA-E-001
Prep Date: 11-MAR-26 **Prep Aliquot:** 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
2051-60-7	1-MoCB		55.9	pg/g	0.426	10.0
2051-62-9	3-MoCB		59.8	pg/g	0.488	10.0
13029-08-8	4-DiCB		39.8	pg/g	0.580	10.0
2050-68-2	15-DiCB		66.9	pg/g	0.676	10.0
38444-73-4	19-TrCB		51.1	pg/g	0.382	10.0
38444-90-5	37-TrCB		64.0	pg/g	1.12	10.0
15968-05-5	54-TeCB		101	pg/g	0.114	10.0
32598-13-3	77-TeCB		117	pg/g	0.962	10.0
70362-50-4	81-TeCB		89.5	pg/g	0.904	10.0
56558-16-8	104-PeCB		107	pg/g	0.300	10.0
32598-14-4	105-PeCB		98.2	pg/g	0.928	20.0
74472-37-0	114-PeCB		112	pg/g	0.886	10.0
31508-00-6	118-PeCB		105	pg/g	0.828	10.0
65510-44-3	123-PeCB		101	pg/g	0.832	10.0
57465-28-8	126-PeCB		114	pg/g	1.00	10.0
33979-03-2	155-HxCB		99.2	pg/g	0.0820	10.0
38380-08-4	156/157-HxCB	C	217	pg/g	0.830	20.0
52663-72-6	167-HxCB		112	pg/g	0.630	10.0
32774-16-6	169-HxCB		117	pg/g	0.666	10.0
74487-85-7	188-HpCB		102	pg/g	0.126	10.0
39635-31-9	189-HpCB		117	pg/g	0.358	10.0
2136-99-4	202-OcCB		164	pg/g	0.140	10.0
74472-53-0	205-OcCB		159	pg/g	0.246	10.0
40186-72-9	206-NoCB		167	pg/g	0.252	10.0
52663-77-1	208-NoCB		170	pg/g	0.228	10.0
2051-24-3	209-DeCB		155	pg/g	0.0440	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1-MoCB		54.4	200	pg/g	27.2	(15%-145%)
13C-3-MoCB		61.1	200	pg/g	30.6	(15%-145%)
13C-4-DiCB		85.8	200	pg/g	42.9	(15%-145%)
13C-15-DiCB		73.3	200	pg/g	36.7	(15%-145%)
13C-19-TrCB		82.7	200	pg/g	41.4	(15%-145%)
13C-37-TrCB		81.0	200	pg/g	40.5	(15%-145%)
13C-54-TeCB		120	200	pg/g	60.1	(15%-145%)
13C-77-TeCB		91.5	200	pg/g	45.7	(40%-145%)
13C-81-TeCB		97.0	200	pg/g	48.5	(40%-145%)
13C-104-PeCB		92.1	200	pg/g	46.1	(40%-145%)
13C-105-PeCB		90.1	200	pg/g	45.0	(40%-145%)
13C-114-PeCB		87.4	200	pg/g	43.7	(40%-145%)
13C-118-PeCB		92.9	200	pg/g	46.4	(40%-145%)
13C-123-PeCB		98.0	200	pg/g	49.0	(40%-145%)

PCB Congeners
Certificate of Analysis
Sample Summary

SDG Number:	**24987**	**Client:**	**FARA001**	**Project:**	**FARA00126**
Lab Sample ID:	**12041946**			**Matrix:**	**TISSUE**
Client Sample:	**QC for batch 65230**				
Client ID:	**LCSD for batch 65230**			**Prep Basis:**	**As Received**
Batch ID:	**65233**	**Method:**	**EPA Method 1668C**		
Run Date:	**03/12/2026 18:56**	**Analyst:**	**RC1**	**Instrument:**	**HRP791**
Data File:	**c12mar26b-4**			**Dilution:**	**1**
Prep Batch:	**65230**	**Prep Method:**	**SW846 3540C**	**Prep SOP Ref:**	**CF-OA-E-001**
Prep Date:	**11-MAR-26**	**Prep Aliquot:**	**10 g**		

CAS No.	Parmname	Qual	Result	Units	EDL	PQL

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-126-PeCB		93.0	200	pg/g	46.5	(40%-145%)
13C-155-HxCB		91.2	200	pg/g	45.6	(40%-145%)
13C-156/157-HxCB	C	171	400	pg/g	42.9	(40%-145%)
13C-167-HxCB		86.8	200	pg/g	43.4	(40%-145%)
13C-169-HxCB		89.0	200	pg/g	44.5	(40%-145%)
13C-188-HpCB		105	200	pg/g	52.5	(40%-145%)
13C-189-HpCB		104	200	pg/g	52.1	(40%-145%)
13C-202-OcCB		103	200	pg/g	51.5	(40%-145%)
13C-205-OcCB		108	200	pg/g	53.8	(40%-145%)
13C-206-NoCB		118	200	pg/g	58.8	(40%-145%)
13C-208-NoCB		96.0	200	pg/g	48.0	(40%-145%)
13C-209-DeCB		140	200	pg/g	70.1	(40%-145%)
13C-28-TrCB		117	200	pg/g	58.6	(15%-145%)
13C-111-PeCB		114	200	pg/g	57.2	(40%-145%)
13C-178-HpCB		126	200	pg/g	63.0	(40%-145%)

Comments:

U **Analyte was analyzed for, but not detected above the specified detection limit.**

J **Value is estimated**

C **Congener has coeluters. When Cxxx, refer to congener number xxx for data**