

 **ANALYTICAL REPORT****PREPARED FOR**

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JOB DESCRIPTION

1633 - EPA - Per- and Polyfluoroalkyl Substances

JOB NUMBER


410-214145-1

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Definitions/Glossary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Target Technologies International Inc.
Project: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Job ID: 410-214145-1

Eurofins Lancaster Laboratories Environment

**Job Narrative
410-214145-1**

REVISION

The report being provided is a revision of the original report sent on 4/18/2025. The report (revision 1) is being revised due to client request to change project description.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 3/27/2025 10:05 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received. The COC is missing Sample State, Sample Type (Grab or Composite). This does not meet regulatory requirements.

PFAS

Method 1633_Final: The labeled isotopes 13C2 4:2 FTS are outside QC acceptance limits. Since the target analyte in sample Nature's Infill T3 (410-214145-1) is non-detect, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Client Sample ID: Nature's Infill T3

Lab Sample ID: 410-214145-1

No Detections.

1

2

3

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11

12

13

14

15

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Client Sample ID: Nature's Infill T3

Lab Sample ID: 410-214145-1

Date Collected: 03/26/25 17:00

Matrix: Solid

Date Received: 03/27/25 10:05

Percent Solids: 90.6

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		0.400	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoropentanoic acid (PFPeA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorohexanoic acid (PFHxA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoroheptanoic acid (PFHpA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorooctanoic acid (PFOA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorononanoic acid (PFNA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorodecanoic acid (PFDA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoroundecanoic acid (PFUnA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorododecanoic acid (PFDoA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorononanesulfonic acid (PFNS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.400	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.400	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.400	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.00	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.00	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.200	ng/g	✱	04/02/25 12:47	04/05/25 17:59	1

Client Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Client Sample ID: Nature's Infill T3

Lab Sample ID: 410-214145-1

Date Collected: 03/26/25 17:00

Matrix: Solid

Date Received: 03/27/25 10:05

Percent Solids: 90.6

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.200	ng/g	☼	04/02/25 12:47	04/05/25 17:59	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.200	ng/g	☼	04/02/25 12:47	04/05/25 17:59	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.400	ng/g	☼	04/02/25 12:47	04/05/25 17:59	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.00	ng/g	☼	04/02/25 12:47	04/05/25 17:59	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.00	ng/g	☼	04/02/25 12:47	04/05/25 17:59	1
Isotope Dilution	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C4-PFBA	64.0		8 - 130			04/02/25 12:47	04/05/25 17:59	1
13C5-PFPeA	56.0		35 - 130			04/02/25 12:47	04/05/25 17:59	1
13C5-PFHxA	61.3		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C4-PFHpA	56.6		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C8-PFOA	66.1		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C9-PFNA	65.6		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C6-PFDA	66.6		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C7-PFUnA	69.7		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C2-PFTeDA	58.2		20 - 130			04/02/25 12:47	04/05/25 17:59	1
13C3-PFBS	64.7		40 - 135			04/02/25 12:47	04/05/25 17:59	1
13C3-PFHxS	68.0		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C8-PFOS	73.0		40 - 130			04/02/25 12:47	04/05/25 17:59	1
13C8-PFOSA	79.1		40 - 130			04/02/25 12:47	04/05/25 17:59	1
d3-NMeFOSAA	114		40 - 135			04/02/25 12:47	04/05/25 17:59	1
d5-NEtFOSAA	116		40 - 150			04/02/25 12:47	04/05/25 17:59	1
13C2 4:2 FTS	166	*5+ cn	40 - 165			04/02/25 12:47	04/05/25 17:59	1
13C2 6:2 FTS	188		40 - 215			04/02/25 12:47	04/05/25 17:59	1
13C2 8:2 FTS	244		40 - 275			04/02/25 12:47	04/05/25 17:59	1
13C3-HFPO-DA	43.2		40 - 130			04/02/25 12:47	04/05/25 17:59	1
D7-NMeFOSE	45.7		20 - 130			04/02/25 12:47	04/05/25 17:59	1
D9-NEtFOSE	42.4		15 - 130			04/02/25 12:47	04/05/25 17:59	1
d5-NEtPFOSA	58.1		10 - 130			04/02/25 12:47	04/05/25 17:59	1
d3-NMePFOSA	62.4		10 - 130			04/02/25 12:47	04/05/25 17:59	1
13C2 PFDaA	75.7		40 - 130			04/02/25 12:47	04/05/25 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.4		1.0	%			03/28/25 07:13	1

Isotope Dilution Summary

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (8-130)	PFPeA (35-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (40-130)
410-214145-1	Nature's Infill T3	64.0	56.0	61.3	56.6	66.1	65.6	66.6	69.7
LCS 410-625268/2-A	Lab Control Sample	92.0	90.8	96.4	98.9	94.2	96.2	91.8	102
LLCS 410-625268/3-A	Lab Control Sample	94.1	85.5	92.1	91.0	97.9	93.1	98.1	111
MB 410-625268/1-A	Method Blank	91.3	88.5	90.0	95.4	93.6	94.2	95.6	101

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (20-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-135)	d5NEFOS (40-150)	M242FTS (40-165)
410-214145-1	Nature's Infill T3	58.2	64.7	68.0	73.0	79.1	114	116	166 *5+ cn
LCS 410-625268/2-A	Lab Control Sample	70.6	91.4	93.5	104	86.5	92.7	93.3	88.3
LLCS 410-625268/3-A	Lab Control Sample	76.8	95.9	101	106	91.2	94.7	98.0	97.5
MB 410-625268/1-A	Method Blank	70.2	98.3	100	104	91.9	95.6	90.4	89.0

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (40-215)	M282FTS (40-275)	HFPODA (40-130)	NMFM (20-130)	NEFM (15-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (40-130)
410-214145-1	Nature's Infill T3	188	244	43.2	45.7	42.4	58.1	62.4	75.7
LCS 410-625268/2-A	Lab Control Sample	86.3	81.8	94.6	53.0	47.3	51.2	46.7	87.6
LLCS 410-625268/3-A	Lab Control Sample	93.0	88.1	90.7	62.4	58.4	38.9	38.2	93.4
MB 410-625268/1-A	Method Blank	93.0	85.8	92.5	68.3	62.4	45.7	48.0	82.9

Surrogate Legend

- PFBA = 13C4-PFBA
- PFPeA = 13C5-PFPeA
- 13C5PHA = 13C5-PFHxA
- C4PFHA = 13C4-PFHpA
- C8PFOA = 13C8-PFOA
- C9PFNA = 13C9-PFNA
- C6PFDA = 13C6-PFDA
- 13C7PUA = 13C7-PFU_nA
- PFTDA = 13C2-PFTeDA
- C3PFBS = 13C3-PFBS
- C3PFHS = 13C3-PFHxS
- C8PFOS = 13C8-PFOS
- PFOSA = 13C8-PFOSA
- d3NMFOS = d3-NMeFOSAA
- d5NEFOS = d5-NEtFOSAA
- M242FTS = 13C2 4:2 FTS
- M262FTS = 13C2 6:2 FTS
- M282FTS = 13C2 8:2 FTS
- HFPODA = 13C3-HFPO-DA
- NMFM = D7-NMeFOSE
- NEFM = D9-NEtFOSE
- d5NPFSA = d5-NEtPFOSA
- d3NMFSA = d3-NMePFOSA
- PFDoA = 13C2 PFDoA

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 410-625268/1-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625268

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Perfluorobutanoic acid (PFBA)	ND		0.400	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorooctanoic acid (PFOA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorononanoic acid (PFNA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorodecanoic acid (PFDA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorotridecanoic acid (PFTrDA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorotetradecanoic acid (PFTeDA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoropentanesulfonic acid (PFPeS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorononanesulfonic acid (PFNS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorododecanesulfonic acid (PFDoS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		0.400	ng/g		04/02/25 12:47	04/05/25 14:48	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		0.400	ng/g		04/02/25 12:47	04/05/25 14:48	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		0.400	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluorooctanesulfonamide (PFOSA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	ND		1.00	ng/g		04/02/25 12:47	04/05/25 14:48	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	ND		1.00	ng/g		04/02/25 12:47	04/05/25 14:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid (9Cl-PF3ONS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 410-625268/1-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 625268

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosfluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		0.200	ng/g		04/02/25 12:47	04/05/25 14:48	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	ND		0.400	ng/g		04/02/25 12:47	04/05/25 14:48	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	ND		1.00	ng/g		04/02/25 12:47	04/05/25 14:48	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	ND		1.00	ng/g		04/02/25 12:47	04/05/25 14:48	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4-PFBA	91.3		8 - 130	04/02/25 12:47	04/05/25 14:48	1
13C5-PFPeA	88.5		35 - 130	04/02/25 12:47	04/05/25 14:48	1
13C5-PFHxA	90.0		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C4-PFHpA	95.4		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C8-PFOA	93.6		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C9-PFNA	94.2		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C6-PFDA	95.6		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C7-PFUnA	101		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C2-PFTeDA	70.2		20 - 130	04/02/25 12:47	04/05/25 14:48	1
13C3-PFBS	98.3		40 - 135	04/02/25 12:47	04/05/25 14:48	1
13C3-PFHxS	100		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C8-PFOS	104		40 - 130	04/02/25 12:47	04/05/25 14:48	1
13C8-PFOSA	91.9		40 - 130	04/02/25 12:47	04/05/25 14:48	1
d3-NMeFOSAA	95.6		40 - 135	04/02/25 12:47	04/05/25 14:48	1
d5-NEtFOSAA	90.4		40 - 150	04/02/25 12:47	04/05/25 14:48	1
13C2 4:2 FTS	89.0		40 - 165	04/02/25 12:47	04/05/25 14:48	1
13C2 6:2 FTS	93.0		40 - 215	04/02/25 12:47	04/05/25 14:48	1
13C2 8:2 FTS	85.8		40 - 275	04/02/25 12:47	04/05/25 14:48	1
13C3-HFPO-DA	92.5		40 - 130	04/02/25 12:47	04/05/25 14:48	1
D7-NMeFOSE	68.3		20 - 130	04/02/25 12:47	04/05/25 14:48	1
D9-NEtFOSE	62.4		15 - 130	04/02/25 12:47	04/05/25 14:48	1
d5-NEtPFOSA	45.7		10 - 130	04/02/25 12:47	04/05/25 14:48	1
d3-NMePFOSA	48.0		10 - 130	04/02/25 12:47	04/05/25 14:48	1
13C2 PFDoA	82.9		40 - 130	04/02/25 12:47	04/05/25 14:48	1

Lab Sample ID: LCS 410-625268/2-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluorobutanoic acid (PFBA)	4.85	4.446		ng/g		92	70 - 140
Perfluoropentanoic acid (PFPeA)	2.43	2.273		ng/g		94	60 - 150
Perfluorohexanoic acid (PFHxA)	2.43	2.199		ng/g		91	65 - 140
Perfluoroheptanoic acid (PFHpA)	2.43	2.252		ng/g		93	65 - 145
Perfluorooctanoic acid (PFOA)	2.43	2.054		ng/g		85	70 - 150
Perfluorononanoic acid (PFNA)	2.43	2.095		ng/g		86	70 - 155
Perfluorodecanoic acid (PFDA)	2.43	2.199		ng/g		91	70 - 155

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-625268/2-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.43	2.106		ng/g		87	70 - 155
Perfluorododecanoic acid (PFDoA)	2.43	2.319		ng/g		96	70 - 150
Perfluorotridecanoic acid (PFTrDA)	2.43	2.234		ng/g		92	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	2.43	2.334		ng/g		96	65 - 150
Perfluorobutanesulfonic acid (PFBS)	2.16	1.825		ng/g		85	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	2.28	2.081		ng/g		91	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	2.21	1.889		ng/g		85	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.32	1.834		ng/g		79	65 - 155
Perfluorooctanesulfonic acid (PFOS)	2.26	1.799		ng/g		80	65 - 160
Perfluorononanesulfonic acid (PFNS)	2.33	1.605		ng/g		69	55 - 140
Perfluorodecanesulfonic acid (PFDS)	2.34	1.682		ng/g		72	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	2.35	1.419		ng/g		60	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	4.53	3.840		ng/g		85	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	4.60	4.078		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	4.65	3.904		ng/g		84	70 - 150
Perfluorooctanesulfonamide (PFOSA)	2.43	2.239		ng/g		92	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.43	3.677		ng/g		151	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.43	3.207		ng/g		132	70 - 140
N-methylperfluorooctanesulfonamide (NMeFOSAA)	2.43	2.232		ng/g		92	65 - 155
N-ethylperfluorooctanesulfonamide (NEtFOSAA)	2.43	2.270		ng/g		94	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	12.1	11.31		ng/g		93	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	12.1	10.73		ng/g		88	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.82	1.558		ng/g		86	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.30	1.850		ng/g		81	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.43	2.275		ng/g		94	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.43	2.313		ng/g		95	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.43	2.172		ng/g		89	60 - 155

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 410-625268/2-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	2.27	1.956		ng/g		86	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.29	1.631		ng/g		71	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.17	1.796		ng/g		83	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	4.85	4.244		ng/g		87	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	12.1	9.657		ng/g		80	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	12.1	8.961		ng/g		74	60 - 150

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4-PFBA	92.0		8 - 130
13C5-PFPeA	90.8		35 - 130
13C5-PFHxA	96.4		40 - 130
13C4-PFHpA	98.9		40 - 130
13C8-PFOA	94.2		40 - 130
13C9-PFNA	96.2		40 - 130
13C6-PFDA	91.8		40 - 130
13C7-PFUnA	102		40 - 130
13C2-PFTeDA	70.6		20 - 130
13C3-PFBS	91.4		40 - 135
13C3-PFHxS	93.5		40 - 130
13C8-PFOS	104		40 - 130
13C8-PFOSA	86.5		40 - 130
d3-NMeFOSAA	92.7		40 - 135
d5-NEtFOSAA	93.3		40 - 150
13C2 4:2 FTS	88.3		40 - 165
13C2 6:2 FTS	86.3		40 - 215
13C2 8:2 FTS	81.8		40 - 275
13C3-HFPO-DA	94.6		40 - 130
D7-NMeFOSE	53.0		20 - 130
D9-NEtFOSE	47.3		15 - 130
d5-NEtPFOSA	51.2		10 - 130
d3-NMePFOSA	46.7		10 - 130
13C2 PFDoA	87.6		40 - 130

Lab Sample ID: LLCS 410-625268/3-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625268

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.490	0.4785		ng/g		98	70 - 140
Perfluoropentanoic acid (PFPeA)	0.245	0.2189		ng/g		89	60 - 150
Perfluorohexanoic acid (PFHxA)	0.245	0.2259		ng/g		92	65 - 140
Perfluoroheptanoic acid (PFHpA)	0.245	0.2293		ng/g		94	65 - 145
Perfluorooctanoic acid (PFOA)	0.245	0.2442		ng/g		100	70 - 150

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-625268/3-A
Matrix: Solid
Analysis Batch: 626531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 625268

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid (PFNA)	0.245	0.2268		ng/g		93	70 - 155
Perfluorodecanoic acid (PFDA)	0.245	0.2360		ng/g		96	70 - 155
Perfluoroundecanoic acid (PFUnA)	0.245	0.2524		ng/g		103	70 - 155
Perfluorododecanoic acid (PFDoA)	0.245	0.2683		ng/g		109	70 - 150
Perfluorotridecanoic acid (PFTTrDA)	0.245	0.2458		ng/g		100	65 - 150
Perfluorotetradecanoic acid (PFTeDA)	0.245	0.2581		ng/g		105	65 - 150
Perfluorobutanesulfonic acid (PFBS)	0.218	0.2164		ng/g		99	65 - 145
Perfluoropentanesulfonic acid (PFPeS)	0.230	0.2130		ng/g		92	55 - 160
Perfluorohexanesulfonic acid (PFHxS)	0.224	0.1789	J	ng/g		80	60 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.234	0.2226		ng/g		95	65 - 155
Perfluorooctanesulfonic acid (PFOS)	0.228	0.2277		ng/g		100	65 - 160
Perfluorononanesulfonic acid (PFNS)	0.236	0.1763	J	ng/g		75	55 - 140
Perfluorodecanesulfonic acid (PFDS)	0.236	0.1964	J	ng/g		83	40 - 155
Perfluorododecanesulfonic acid (PFDoS)	0.238	0.1719	J	ng/g		72	25 - 160
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	0.460	0.3896	J	ng/g		85	60 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	0.467	0.4152		ng/g		89	55 - 200
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	0.471	0.4977		ng/g		106	70 - 150
Perfluorooctanesulfonamide (PFOSA)	0.245	0.2468		ng/g		101	70 - 140
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.245	0.3089		ng/g		126	70 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	0.245	0.3163		ng/g		129	70 - 140
N-methylperfluorooctanesulfonamideacetamide (NMeFOSAA)	0.245	0.1970	J	ng/g		80	65 - 155
N-ethylperfluorooctanesulfonamideacetamide (NEtFOSAA)	0.245	0.2481		ng/g		101	65 - 165
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	1.23	1.620		ng/g		132	70 - 140
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	1.23	1.168		ng/g		95	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.184	0.1670	J	ng/g		91	70 - 145
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.232	0.1696	J	ng/g		73	70 - 160
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.245	0.2634		ng/g		107	30 - 140
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.245	0.2438		ng/g		99	60 - 150

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 410-625268/3-A
 Matrix: Solid
 Analysis Batch: 626531

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 625268

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.245	0.2229		ng/g		91	60 - 155
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.229	0.2090		ng/g		91	70 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.231	0.1703	J	ng/g		74	45 - 160
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	0.219	0.1912	J	ng/g		87	70 - 140
3-Perfluoropropylpropanoic acid (3:3 FTCA)	0.490	0.5010		ng/g		102	45 - 130
3-Perfluoropentylpropanoic acid (5:3 FTCA)	1.23	0.8484	J	ng/g		69	60 - 130
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	1.23	1.026		ng/g		84	60 - 150

Isotope Dilution	LLCS LLCS		Limits
	%Recovery	Qualifier	
13C4-PFBA	94.1		8 - 130
13C5-PFPeA	85.5		35 - 130
13C5-PFHxA	92.1		40 - 130
13C4-PFHpA	91.0		40 - 130
13C8-PFOA	97.9		40 - 130
13C9-PFNA	93.1		40 - 130
13C6-PFDA	98.1		40 - 130
13C7-PFUnA	111		40 - 130
13C2-PFTeDA	76.8		20 - 130
13C3-PFBS	95.9		40 - 135
13C3-PFHxS	101		40 - 130
13C8-PFOS	106		40 - 130
13C8-PFOSA	91.2		40 - 130
d3-NMeFOSAA	94.7		40 - 135
d5-NEtFOSAA	98.0		40 - 150
13C2 4:2 FTS	97.5		40 - 165
13C2 6:2 FTS	93.0		40 - 215
13C2 8:2 FTS	88.1		40 - 275
13C3-HFPO-DA	90.7		40 - 130
D7-NMeFOSE	62.4		20 - 130
D9-NEtFOSE	58.4		15 - 130
d5-NEtPFOSA	38.9		10 - 130
d3-NMePFOSA	38.2		10 - 130
13C2 PFDaA	93.4		40 - 130

QC Association Summary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

LCMS

Prep Batch: 625268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-214145-1	Nature's Infill T3	Total/NA	Solid	1633 Shake	
MB 410-625268/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 410-625268/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LLCS 410-625268/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 626531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-214145-1	Nature's Infill T3	Total/NA	Solid	1633	625268
MB 410-625268/1-A	Method Blank	Total/NA	Solid	1633	625268
LCS 410-625268/2-A	Lab Control Sample	Total/NA	Solid	1633	625268
LLCS 410-625268/3-A	Lab Control Sample	Total/NA	Solid	1633	625268

General Chemistry

Analysis Batch: 623050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-214145-1	Nature's Infill T3	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Client Sample ID: Nature's Infill T3

Date Collected: 03/26/25 17:00

Date Received: 03/27/25 10:05

Lab Sample ID: 410-214145-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	623050	UVJN	ELLE	03/28/25 07:13

Client Sample ID: Nature's Infill T3

Date Collected: 03/26/25 17:00

Date Received: 03/27/25 10:05

Lab Sample ID: 410-214145-1

Matrix: Solid

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			625268	AM9P	ELLE	04/02/25 12:47
Total/NA	Analysis	1633		1	626531	RPU6	ELLE	04/05/25 17:59

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Target Technologies International Inc.
 Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	04-13-25
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	04-07-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	04-10-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25 *
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

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Method Summary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

Method	Method Description	Protocol	Laboratory
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
1633 Shake	Shake Extraction with SPE	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



Sample Summary

Client: Target Technologies International Inc.
Project/Site: 1633 - EPA - Per- and Polyfluoroalkyl Substances

Job ID: 410-214145-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
410-214145-1	Nature's Infill T3	Solid	03/26/25 17:00	03/27/25 10:05

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Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Job Number: 410-214145-1

Login Number: 214145

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Ballard, Megan

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable, where thermal pres is required ($\leq 6C$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required ($\leq 6C$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	