



ANALYTICAL REPORT

PREPARED FOR

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8535 Eastlake Drive
Burnaby, British Columbia V5A 4T7

Generated 4/10/2024 8:04:31 AM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109806-1

Eurofins Sacramento

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northern California, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: EOF, Infill

Job ID: 320-109806-1

Job ID: 320-109806-1

Eurofins Sacramento

Receipt

The samples were received on 2/19/2024 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels did not have a collection time listed. The samples were logged in per the COC. Batch #21020/Sample #1 (320-109806-1), Batch #21020/Sample #2 (320-109806-2) and Batch #21020/Sample #3 (320-109806-3).

LCMS

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

Organic Prep

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



Detection Summary

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

Client Sample ID: Batch #21020/Sample #1

Lab Sample ID: 320-109806-1

No Detections.

Client Sample ID: Batch #21020/Sample #2

Lab Sample ID: 320-109806-2

No Detections.

Client Sample ID: Batch #21020/Sample #3

Lab Sample ID: 320-109806-3

No Detections.

- 1
- 2
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This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

Client Sample ID: Batch #21020/Sample #1

Lab Sample ID: 320-109806-1

Date Collected: 01/26/24 10:00

Matrix: Solid

Date Received: 02/19/24 09:50

Method: Lab SOP CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND		230		ug/Kg		03/12/24 11:26	04/03/24 22:23	1

Client Sample ID: Batch #21020/Sample #2

Lab Sample ID: 320-109806-2

Date Collected: 01/26/24 11:00

Matrix: Solid

Date Received: 02/19/24 09:50

Method: Lab SOP CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND		240		ug/Kg		03/12/24 11:26	04/03/24 22:50	1

Client Sample ID: Batch #21020/Sample #3

Lab Sample ID: 320-109806-3

Date Collected: 01/26/24 12:00

Matrix: Solid

Date Received: 02/19/24 09:50

Method: Lab SOP CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND		230		ug/Kg		03/12/24 11:26	04/03/24 23:16	1

QC Sample Results

Client: Target Technologies International Inc.
 Project/Site: EOF, Infill

Job ID: 320-109806-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Lab Sample ID: MB 320-746276/1-B
Matrix: Solid
Analysis Batch: 752356

Client Sample ID: Method Blank
Prep Type: Step 3
Prep Batch: 746276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND		250		ug/Kg		03/12/24 11:26	04/03/24 21:04	1

Lab Sample ID: LCS 320-746276/2-B
Matrix: Solid
Analysis Batch: 752356

Client Sample ID: Lab Control Sample
Prep Type: Step 3
Prep Batch: 746276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Extractable Organic Fluorine (EOF)	5070	4710		ug/Kg		93	50 - 150

Lab Sample ID: LCSD 320-746276/3-B
Matrix: Solid
Analysis Batch: 752356

Client Sample ID: Lab Control Sample Dup
Prep Type: Step 3
Prep Batch: 746276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Extractable Organic Fluorine (EOF)	5070	4670		ug/Kg		92	50 - 150	1	20

QC Association Summary

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

LCMS

Prep Batch: 746276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109806-1	Batch #21020/Sample #1	Total/NA	Solid	EOF Prep	
320-109806-2	Batch #21020/Sample #2	Total/NA	Solid	EOF Prep	
320-109806-3	Batch #21020/Sample #3	Total/NA	Solid	EOF Prep	
MB 320-746276/1-B	Method Blank	Step 3	Solid	EOF Prep	
LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	EOF Prep	
LCSD 320-746276/3-B	Lab Control Sample Dup	Step 3	Solid	EOF Prep	

Cleanup Batch: 746593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109806-1	Batch #21020/Sample #1	Total/NA	Solid	Split	746276
320-109806-2	Batch #21020/Sample #2	Total/NA	Solid	Split	746276
320-109806-3	Batch #21020/Sample #3	Total/NA	Solid	Split	746276
MB 320-746276/1-B	Method Blank	Step 3	Solid	Split	746276
LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	Split	746276
LCSD 320-746276/3-B	Lab Control Sample Dup	Step 3	Solid	Split	746276

Analysis Batch: 752356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109806-1	Batch #21020/Sample #1	Total/NA	Solid	CIC EOF	746593
320-109806-2	Batch #21020/Sample #2	Total/NA	Solid	CIC EOF	746593
320-109806-3	Batch #21020/Sample #3	Total/NA	Solid	CIC EOF	746593
MB 320-746276/1-B	Method Blank	Step 3	Solid	CIC EOF	746593
LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	746593
LCSD 320-746276/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	746593

Lab Chronicle

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

Client Sample ID: Batch #21020/Sample #1

Lab Sample ID: 320-109806-1

Date Collected: 01/26/24 10:00

Matrix: Solid

Date Received: 02/19/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.08 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 22:23	JCB	EET SAC

Client Sample ID: Batch #21020/Sample #2

Lab Sample ID: 320-109806-2

Date Collected: 01/26/24 11:00

Matrix: Solid

Date Received: 02/19/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.05 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 22:50	JCB	EET SAC

Client Sample ID: Batch #21020/Sample #3

Lab Sample ID: 320-109806-3

Date Collected: 01/26/24 12:00

Matrix: Solid

Date Received: 02/19/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.09 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 23:16	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Target Technologies International Inc.
 Project/Site: EOF, Infill

Job ID: 320-109806-1

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468	01-20-27
Arizona	State	AZ0708	08-11-24
Arkansas DEQ	State	88-0691	05-18-24
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-24
Florida	NELAP	E87570	06-30-24
Georgia	State	4040	01-29-25
Hawaii	State	Eurofins Sacramento	01-29-25
Illinois	NELAP	200060	03-31-25
Kansas	NELAP	E-10375	10-31-24
Louisiana	NELAP	01944	06-30-24
Louisiana (All)	NELAP	01944	06-30-24
Maine	State	CA00004	04-14-24
Michigan	State	9947	01-29-25
Nevada	State	CA00044	07-31-24
New Hampshire	NELAP	2997	04-18-24
New Jersey	NELAP	CA005	06-30-24
New York	NELAP	11666	04-01-25
Ohio	State	41252	01-29-25
Oregon	NELAP	4040	01-29-25
Texas	NELAP	T104704399-23-17	05-31-24
US Fish & Wildlife	US Federal Programs	A22139	04-30-24
USDA	US Federal Programs	P330-18-00239	02-28-26
Utah	NELAP	CA000442023-16	02-28-25
Virginia	NELAP	460278	03-14-25
Washington	State	C581	05-05-24
West Virginia (DW)	State	9930C	01-31-25
Wisconsin	State	998204680	08-31-24
Wyoming	State Program	8TMS-L	01-28-19 *

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

Method Summary

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

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Sample Summary

Client: Target Technologies International Inc.
Project/Site: EOF, Infill

Job ID: 320-109806-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
320-109806-1	Batch #21020/Sample #1	Solid	01/26/24 10:00	02/19/24 09:50
320-109806-2	Batch #21020/Sample #2	Solid	01/26/24 11:00	02/19/24 09:50
320-109806-3	Batch #21020/Sample #3	Solid	01/26/24 12:00	02/19/24 09:50

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Chain of Custody Record 721019



Address: EUROFIN'S SACRAMENTO
 880 RIVERSIDE PARKWAY
 WEST SACRAMENTO, CA 95605-1570
 PHONE: 916-223-5600 FAX: 916-223-4644-3248

Regulatory Program: DW NPDES RCRA Other TAL-8210

Client Contact
 Company Name: TARGET TECHNOLOGIES INC
 Address: 8535 EASTLAKE DRIVE
 City/State/Zip: BURBANK, CA 91504
 Phone: 624-421-3620
 Fax:
 Project Name: PRO-MAX 37 TPE ANALYSIS
 Site:
 P O #:
 Project Manager: JAMES BURK (1/1/19)
 Tel/Email: JAMES.BURK@TARGETTECH.COM
 Site Contact:
 Lab Contact:
 Date:
 Carrier:
 COC No:
 of
 COCs

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
Batch # 21020 / Sample #1	10/06	10:00	G	SOLID	1	Y	Y	
Batch # 21020 / Sample #2	11/06	11:00	G	SOLID	1	Y	Y	
Batch # 21020 / Sample #3	12/06	12:00	G	SOLID	1	Y	Y	



Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other
 Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample
 Non-Hazard Flammable Skin Irritant Poison B Unknown
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact	<input type="checkbox"/> Yes <input type="checkbox"/> No	Cooler Temp (°C)	Obs'd	19.3	Therm ID No	604
Relinquished by	Company	Received by	Company	ESF/sec	Date/Time	2/19/24 09:50
Relinquished by	Company	Received by	Company		Date/Time	
Relinquished by	Company	Received in Laboratory by	Company		Date/Time	





Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc: 320
109806

Tracking #: 12662 F53040267-8831

Job: _____

SO / PO / FO / SAT / 2-Day / Ground / (UPS) CDO / Courier
GSL / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: W4 Corr. Factor: (+/-) NA °C

Ice _____ Wet Gel _____ Other _____

Cooler Custody Seal: _____

Cooler ID: _____

Temp Observed: 14.3 °C Corrected: 14.3 °C
From: Temp Blank Sample

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooler Temperature is acceptable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frozen samples show signs of thaw?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initials: S Date: 2/19/24

Unpacking/Labeling The Samples	Yes	No	NA
Containers are not broken or leaking?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples compromised/tampered with?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
COC is complete w/o discrepancies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample custody seal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample containers have legible labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample date/times are provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Appropriate containers are used?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample bottles are completely filled?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample preservatives verified?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the Field Sampler's name on COC?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples w/o discrepancies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Zero headspace?*	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkalinity has no headspace?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Perchlorate has headspace? (Methods 314, 331, 6850)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Multiphasic samples are not present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: MY Date: 2/19/24

Notes: _____

14.6 °C Sampler

container labels have no time

Trizma Lot #(s): _____

Ammonium

Acetate Lot #(s): _____

Login Completion	Yes	No	NA
Receipt Temperature on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NCM Filed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log Release checked in TALS?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Initials: MY Date: 2/19/24

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Job Number: 320-109806-1

Login Number: 109806

List Source: Eurofins Sacramento

List Number: 1

Creator: Yabut, Martina V

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	Refer to SSRN
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	N/A	
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	N/A	
Samples are received within Holding Time (excluding tests with immediate HTs)	N/A	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	N/A	
Sample collection date/times are provided.	N/A	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	