



ANALYTICAL REPORT

PREPARED FOR

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Target Technologies International Inc.
8535 Eastlake Drive
Burnaby, British Columbia V5A 4T7

Generated 4/10/2024 7:59:26 AM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109805-1

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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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Method Summary	12
Sample Summary	13
Chain of Custody	14
Receipt Checklists	16

Definitions/Glossary

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

Job ID: 320-109805-1

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: 320-109805-1

Job ID: 320-109805-1

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 #22746/Sample #1 (320-109805-1), Batch #22746/Sample #2 (320-109805-2) and Batch #22746/Sample #3 (320-109805-3).

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.

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Detection Summary

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

Job ID: 320-109805-1

Client Sample ID: Batch #22746/Sample #1

Lab Sample ID: 320-109805-1

No Detections.

Client Sample ID: Batch #22746/Sample #2

Lab Sample ID: 320-109805-2

No Detections.

Client Sample ID: Batch #22746/Sample #3

Lab Sample ID: 320-109805-3

No Detections.

- 1
- 2
- 3
- 4
- 5
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- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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: 320-109805-1

Client Sample ID: Batch #22746/Sample #1

Lab Sample ID: 320-109805-1

Date Collected: 01/26/24 13:00

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		04/03/24 11:25	04/04/24 19:44	1

Client Sample ID: Batch #22746/Sample #2

Lab Sample ID: 320-109805-2

Date Collected: 01/26/24 14:00

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		04/03/24 11:25	04/04/24 20:11	1

Client Sample ID: Batch #22746/Sample #3

Lab Sample ID: 320-109805-3

Date Collected: 01/26/24 15:00

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		04/03/24 11:25	04/04/24 20:37	1

QC Sample Results

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

Job ID: 320-109805-1

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

Lab Sample ID: MB 320-752048/1-B
Matrix: Solid
Analysis Batch: 752648

Client Sample ID: Method Blank
Prep Type: Step 3
Prep Batch: 752048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND		250		ug/Kg		04/03/24 11:25	04/04/24 17:33	1

Lab Sample ID: LCS 320-752048/2-B
Matrix: Solid
Analysis Batch: 752648

Client Sample ID: Lab Control Sample
Prep Type: Step 3
Prep Batch: 752048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Extractable Organic Fluorine (EOF)	5070	4820		ug/Kg		95	50 - 150

Lab Sample ID: LCSD 320-752048/3-B
Matrix: Solid
Analysis Batch: 752648

Client Sample ID: Lab Control Sample Dup
Prep Type: Step 3
Prep Batch: 752048

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Extractable Organic Fluorine (EOF)	5070	4780		ug/Kg		94	50 - 150	1	20

QC Association Summary

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

Job ID: 320-109805-1

LCMS

Prep Batch: 752048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	EOF Prep	
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	EOF Prep	
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	EOF Prep	
MB 320-752048/1-B	Method Blank	Step 3	Solid	EOF Prep	
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	EOF Prep	
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	EOF Prep	

Cleanup Batch: 752646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	Split	752048
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	Split	752048
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	Split	752048
MB 320-752048/1-B	Method Blank	Step 3	Solid	Split	752048
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	Split	752048
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	Split	752048

Analysis Batch: 752648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	CIC EOF	752646
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	CIC EOF	752646
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	CIC EOF	752646
MB 320-752048/1-B	Method Blank	Step 3	Solid	CIC EOF	752646
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	752646
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	752646

Lab Chronicle

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

Job ID: 320-109805-1

Client Sample ID: Batch #22746/Sample #1

Lab Sample ID: 320-109805-1

Date Collected: 01/26/24 13:00

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			1.07 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 19:44	JCB	EET SAC

Client Sample ID: Batch #22746/Sample #2

Lab Sample ID: 320-109805-2

Date Collected: 01/26/24 14:00

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			1.06 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 20:11	JCB	EET SAC

Client Sample ID: Batch #22746/Sample #3

Lab Sample ID: 320-109805-3

Date Collected: 01/26/24 15:00

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			1.06 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 20:37	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: 320-109805-1

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: 320-109805-1

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: 320-109805-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
320-109805-1	Batch #22746/Sample #1	Solid	01/26/24 13:00	02/19/24 09:50
320-109805-2	Batch #22746/Sample #2	Solid	01/26/24 14:00	02/19/24 09:50
320-109805-3	Batch #22746/Sample #3	Solid	01/26/24 15:00	02/19/24 09:50

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Chain of Custody Record 721016



Environment Testing
America

Eurofins Sacramento
Address 880 Riverside Parkway
West Sacramento CA 95605-1500
Phone 916 373 5600 fax 303 467 7248

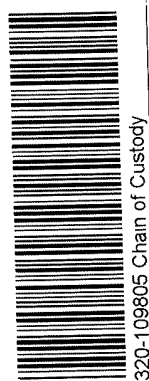
TAL-8210

Regulatory Program: DW NPDES RCRA Other

Client Contact
Company Name Target Technologies, Inc.
Address 8535 Eastlake Drive
City/State/Zip Burnaby BC V5A 4T7
Phone 604 421 3620
Fax
Project Name Pro Max 37 TPE EOF Analysis
Site
PO #

Project Manager: J Lanksbury
Tel/Email: j.lanksbury@kva.com
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Carrier	Date	COC No	Sampler	For Lab Use Only. Walk-in Client. Lab Sampling	Job / SDG No	Sample Specific Notes
Batch # 22746 / Sample #1	2024 01-26	13:00	G	Solid	1		Y	CEC EOF						
Batch # 22746 / Sample #2	2024 01-26	14:00	G	Solid	1		Y							
Batch # 22746 / Sample #3	2024 01-26	15:00	G	Solid	1		Y							



320-109805 Chain of Custody

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
Cooler Temp (°C) Obs'd 11.3 Corr'd 9.3 Therm ID No 69
Custody Seal No
Company Felix Compounds 2024-01-26
Date/Time
Received by [Signature]
Company EETBC
Date/Time 2/19/24 0950
Received in Laboratory by
Company
Date/Time





Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc 320 109805

Tracking # 12662 FS3040267.8831

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: WH Corr. Factor (+/-) N/A °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?
Cooler Temperature is acceptable?
Frozen samples show signs of thaw?
Initials: S Date: 2/19/24

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

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

Initials: MY Date: 2/19/24

Notes:
14.6 °C Sample
no time on container label

Trizma Lot #(s) _____
Ammonium
Acetate Lot #(s) _____

Login Completion Yes No NA
Receipt Temperature on COC?
NCM Filed?
Samples received within hold time?
Log Release checked in TALS?

Initials: MY Date: 2/19/24

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Job Number: 320-109805-1

Login Number: 109805

List Source: Eurofins Sacramento

List Number: 1

Creator: Yabut, Martina V

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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 <6mm (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	

