

ANALYTICAL REPORT

PREPARED FOR

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5960 Inglewood Drive
Suite 150
Pleasanton, California 94588

Generated 7/2/2024 12:57:02 PM

JOB DESCRIPTION

Lead Testing

JOB NUMBER

820-13888-1

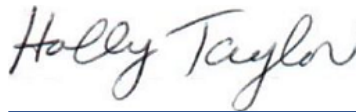
Eurofins Lubbock

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.

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 South Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: Global Syn-Turf, Inc.
Project: Lead Testing

Job ID: 820-13888-1

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Job Narrative 820-13888-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- 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 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 6/24/2024 1:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Metals

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

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Client Sample Results

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Client Sample ID: Supreme 60

Lab Sample ID: 820-13888-1

Date Collected: 06/12/24 13:00

Matrix: Solid

Date Received: 06/24/24 13:00

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<1.59	U	5.00	1.59	mg/Kg		06/27/24 13:43	06/27/24 19:46	10

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QC Sample Results

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-168495/1-A
Matrix: Solid
Analysis Batch: 168708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0634	U	0.200	0.0634	mg/Kg		06/27/24 13:43	06/27/24 18:45	1

Lab Sample ID: LCS 860-168495/2-A
Matrix: Solid
Analysis Batch: 168708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	10.0	9.815		mg/Kg		98	80 - 120

Lab Sample ID: LCSD 860-168495/3-A
Matrix: Solid
Analysis Batch: 168708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168495

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	10.0	9.864		mg/Kg		99	80 - 120	1	20

QC Association Summary

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Metals

Prep Batch: 168495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-13888-1	Supreme 60	Total/NA	Solid	3051A	
MB 860-168495/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-168495/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-168495/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 168708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-13888-1	Supreme 60	Total/NA	Solid	6020B	168495
MB 860-168495/1-A	Method Blank	Total/NA	Solid	6020B	168495
LCS 860-168495/2-A	Lab Control Sample	Total/NA	Solid	6020B	168495
LCSD 860-168495/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	168495

Lab Chronicle

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Client Sample ID: Supreme 60

Lab Sample ID: 820-13888-1

Date Collected: 06/12/24 13:00

Matrix: Solid

Date Received: 06/24/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			.2 g	50 mL	168495	06/27/24 13:43	PB	EET HOU
Total/NA	Analysis	6020B		10			168708	06/27/24 19:46	DP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Accreditation/Certification Summary

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-24

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Method Summary

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET HOU
3051A	Preparation, Metals, Microwave Assisted	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Sample Summary

Client: Global Syn-Turf, Inc.
Project/Site: Lead Testing

Job ID: 820-13888-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-13888-1	Supreme 60	Solid	06/12/24 13:00	06/24/24 13:00

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CERTIFICATE OF ANALYSIS

Client: Global Syn-Turf, Inc
Product: Supreme 60
Eurofins Sample #:820-13888-1
Lead Results: Less than 1.59 parts per million

Synthetic fibers from turf product Supreme 60, taken by Global Syn-Turf, Inc on 06/12/2024, and received by Eurofins Labs, 06/24/2024, were analyzed by Eurofins Labs for total lead by method SW6020B. The results were less than 1.59 milligrams lead per kilogram synthetic fiber (<1.59 mg/kg).



Dr. Blair Leftwich, Director

7/2/24

Date



Loc: 820
13888



Chain of Custody

Houston, TX (281) 249-4200 Dallas, TX (409) 963-0500 San Antonio, TX (210) 509-3534
 Midland, TX (432) 704-5440 El Paso, TX (915) 585-3443 Lubbock, TX (806) 764-1296
 Mesquite, NM (575) 392-5560 Carlsbad, NM (575) 988-3198 Phoenix, AZ (480) 355-0900
 Tampa, FL (813) 620-2000 Tallahassee, FL (850) 756-0747 Delray Beach, FL (561) 689-6701
 Atlanta, GA (770) 449-8800



820-13888 Chain of Custody

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Project Manager	Claudia Cervantes	Bill to (if different)	
Company Name	Global Syn-Turf, Inc	Company Name	Same
Address	5960 Inglewood Drive # 150	Address	
City, State, Zip	Pleasanton, CA 95888	City, State, Zip	
Phone	510-303-1442	Email	claudia.cervantes@globalsyn-turf.com

Work Order Comments

Program: UST/ST PRF Brownfield RRC Superfund

State of Project: _____

Reporting Level: Level PSI/US TPR Level

Deliverables: EDD ADAPT Other _____

Project Name	Lead Testing	Turn Around	ANALYSIS REQUEST			Preservative Codes
Project Number		Routine: <input type="checkbox"/>				HNO3 HN
Project Location	USA	Rush: <input type="checkbox"/>				H2SO4 H2
Sampler's Name		Due Date				HCL HL
PO #						Noise NO
SAMPLE RECEIPT	Temp Blank Yes No	Wet Ice Yes No	Number of Containers/Preservative			NaOH Na
Temperature (°C)	Yes No	Thermometer ID	Code			MeOH Me
Received Intact	Yes No N/A	Correction Factor	1			Zn Acetate+ NaOH Zn
Cooler Custody Seals	Yes No N/A	Total Containers	X			TA1 starts the day received by the lab if received by 4:30pm
Sample Custody Seals	Yes No N/A					Sample Comments
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth		1) Use ASTM method 2)
Supreme 60	Turf	6/12/24	1300			Need separate reports 3)
						Need a certificate of analysis in addition to the report

Total 200.7 / 6010	200.8 / 6020	8RCRA 13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Ca	Cr	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO2	Na	Sr	Ti	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed	TCLP / SPLP 6010	8RCRA	Sb	As	Ba	Be	Ba	Be	Ba	Be	Cr	Co	Cu	Pb	Mn	Mo	Ni	Se	Ag	Ti	U	Hg	1631	245	1	17470	17471		

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6/12/24			6/24/24 1300
		2:00pm			



Login Sample Receipt Checklist

Client: Global Syn-Turf, Inc.

Job Number: 820-13888-1

Login Number: 13888
List Number: 1
Creator: Triplett, Colby

List Source: Eurofins Lubbock

Question	Answer	Comment
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.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	N/A	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Login Sample Receipt Checklist

Client: Global Syn-Turf, Inc.

Job Number: 820-13888-1

Login Number: 13888
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 06/25/24 11:13 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	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	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

