

# ANALYTICAL REPORT

## PREPARED FOR

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## JOB DESCRIPTION

Lead Testing

## JOB NUMBER

820-11608-1

# 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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# Definitions/Glossary

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

Job ID: 820-11608-1

## 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: 820-11608-1

**Job ID: 820-11608-1**

**Eurofins Lubbock**

## Job Narrative 820-11608-1

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 1/9/2024 10:00 AM. 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.

Eurofins Lubbock

# Client Sample Results

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

Job ID: 820-11608-1

**Client Sample ID: UltraReal**

**Lab Sample ID: 820-11608-1**

Date Collected: 01/05/24 15:00

Matrix: Solid

Date Received: 01/09/24 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.622	U	1.96	0.622	mg/Kg		01/17/24 00:12	01/17/24 14:41	10

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# QC Sample Results

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

Job ID: 820-11608-1

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

**Lab Sample ID: MB 860-140843/1-A**  
**Matrix: Solid**  
**Analysis Batch: 140970**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 140843**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0634	U	0.200	0.0634	mg/Kg		01/17/24 00:12	01/17/24 13:33	1

**Lab Sample ID: LCS 860-140843/2-A**  
**Matrix: Solid**  
**Analysis Batch: 140970**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 140843**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	10.0	10.68		mg/Kg		107	80 - 120

**Lab Sample ID: LCSD 860-140843/3-A**  
**Matrix: Solid**  
**Analysis Batch: 140970**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 140843**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	10.0	10.49		mg/Kg		105	80 - 120	2	20

# QC Association Summary

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

Job ID: 820-11608-1

## Metals

### Prep Batch: 140843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-11608-1	UltraReal	Total/NA	Solid	3051A	
MB 860-140843/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-140843/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-140843/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

### Analysis Batch: 140970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-11608-1	UltraReal	Total/NA	Solid	6020B	140843
MB 860-140843/1-A	Method Blank	Total/NA	Solid	6020B	140843
LCS 860-140843/2-A	Lab Control Sample	Total/NA	Solid	6020B	140843
LCSD 860-140843/3-A	Lab Control Sample Dup	Total/NA	Solid	6020B	140843

# Lab Chronicle

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

Job ID: 820-11608-1

**Client Sample ID: UltraReal**

**Lab Sample ID: 820-11608-1**

**Date Collected: 01/05/24 15:00**

**Matrix: Solid**

**Date Received: 01/09/24 10:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			.51 g	50 mL	140843	01/17/24 00:12	AGR	EET HOU
Total/NA	Analysis	6020B		10			140970	01/17/24 14:41	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: 820-11608-1

## Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

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# Method Summary

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

Job ID: 820-11608-1

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: 820-11608-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-11608-1	UltraReal	Solid	01/05/24 15:00	01/09/24 10:00

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Environment Testing  
Xenco

**CERTIFICATE OF ANALYSIS**

Client: Global Syn-Turf  
Product: UltraReal  
Eurofins Sample #:820-11608-1  
Lead Results: Less than one part per million

Synthetic fibers from turf product UltraReal, taken by Global Syn-Turf on 1/5/2024, and received by Eurofins Labs, 1/9/2024, were analyzed by Eurofins Labs for total lead by method SW6020B. The results were less than one milligram lead per kilogram synthetic fiber (<1 mg/kg).

**Dr. Blair Leftwich, Director**

**Date**







# Login Sample Receipt Checklist

Client: Global Syn-Turf, Inc.

Job Number: 820-11608-1

**Login Number: 11608**  
**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.	True	
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.	False	No date or time on COC or containers.
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)	N/A	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No date or time on COC or sample containers
Appropriate sample containers are used.	True	
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: 820-11608-1

**Login Number: 11608**

**List Number: 2**

**Creator: Baker, Jeremiah**

**List Source: Eurofins Houston**

**List Creation: 01/10/24 02:57 PM**

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 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	