

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

Attn: Claudia Cervantes  
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Hayward, California 94545-4865

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**JOB DESCRIPTION**

Lead Testing

**JOB NUMBER**

820-7886-1

# Eurofins Lubbock

## Job Notes

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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# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	7
QC Association Summary . . . . .	8
Lab Chronicle . . . . .	9
Certification Summary . . . . .	10
Method Summary . . . . .	11
Sample Summary . . . . .	12
Chain of Custody . . . . .	13
Receipt Checklists . . . . .	15

# Definitions/Glossary

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

Job ID: 820-7886-1

## 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/Site: Lead Testing

Job ID: 820-7886-1

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**Job ID: 820-7886-1**

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**Laboratory: Eurofins Lubbock**

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**Narrative**

**Job Narrative**  
**820-7886-1**

**Receipt**

The sample was received on 3/28/2023 9:14 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 13.4°C

**Metals**

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

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- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
- 12
- 13

# Client Sample Results

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

Job ID: 820-7886-1

**Client Sample ID: AST Elitelawn**

**Lab Sample ID: 820-7886-1**

Date Collected: 03/24/23 12:14

Matrix: Solid

Date Received: 03/28/23 09:14

**Method: SW846 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.489	U	1.00	0.489	mg/Kg		03/29/23 20:55	03/30/23 12:02	1

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# QC Sample Results

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

Job ID: 820-7886-1

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 860-96480/1-A**  
**Matrix: Solid**  
**Analysis Batch: 96568**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 96480**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.461	U	0.943	0.461	mg/Kg		03/29/23 20:55	03/30/23 10:12	1

**Lab Sample ID: LCS 860-96480/2-A**  
**Matrix: Solid**  
**Analysis Batch: 96568**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 96480**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	94.3	93.58		mg/Kg		99	80 - 120

**Lab Sample ID: LCSD 860-96480/3-A**  
**Matrix: Solid**  
**Analysis Batch: 96568**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 96480**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	94.3	93.40		mg/Kg		99	80 - 120	0	20

# QC Association Summary

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

Job ID: 820-7886-1

## Metals

### Prep Batch: 96480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-7886-1	AST Elitelawn	Total/NA	Solid	3051A	
MB 860-96480/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-96480/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-96480/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

### Analysis Batch: 96568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-7886-1	AST Elitelawn	Total/NA	Solid	6010B	96480
MB 860-96480/1-A	Method Blank	Total/NA	Solid	6010B	96480
LCS 860-96480/2-A	Lab Control Sample	Total/NA	Solid	6010B	96480
LCSD 860-96480/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	96480



# Lab Chronicle

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

Job ID: 820-7886-1

**Client Sample ID: AST Elitelawn**

**Lab Sample ID: 820-7886-1**

**Date Collected: 03/24/23 12:14**

**Matrix: Solid**

**Date Received: 03/28/23 09:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			.5 g	50 mL	96480	03/29/23 20:55	AGR	EET HOU
Total/NA	Analysis	6010B		1			96568	03/30/23 12:02	JDM	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: 820-7886-1

## Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

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- 3
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- 5
- 6
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# Method Summary

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

Job ID: 820-7886-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	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



# Sample Summary

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

Job ID: 820-7886-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-7886-1	AST Elitelawn	Solid	03/24/23 12:14	03/28/23 09:14

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## Login Sample Receipt Checklist

Client: Global Syn-Turf, Inc.

Job Number: 820-7886-1

**Login Number: 7886**

**List Source: Eurofins Lubbock**

**List Number: 1**

**Creator: Ruggles, Ashley**

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.	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").	N/A	

## Login Sample Receipt Checklist

Client: Global Syn-Turf, Inc.

Job Number: 820-7886-1

**Login Number: 7886**

**List Number: 2**

**Creator: Pena, Jesiel**

**List Source: Eurofins Houston**

**List Creation: 03/29/23 01:31 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?	N/A	
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	

