

**Environment Testing** 

# **ANALYTICAL REPORT**

# PREPARED FOR

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Attn: Claudia Cervantes Global Syn-Turf, Inc. 2482 Technology Dr. Hayward, California 94545-4865 Generated 3/30/2023 12:12:49 PM

# JOB DESCRIPTION

Lead Testing

## **JOB NUMBER**

820-7886-1

Eurofins Lubbock 6701 Aberdeen Ave. Suite 8 Lubbock TX 79424



See page two for job notes and contact information.



## **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

V

Authorized for release by John Builes, Project Manager John.Builes@et.eurofinsus.com (561)558-4549 Generated

3/30/2023 12:12:49 PM

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

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### Qua

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|---|-----|----|
|   | σια |    |

NC

ND NEG

POS

PQL

QC

RL RPD

TEF

TEQ

TNTC

RER

PRES

Not Calculated

Negative / Absent

Positive / Present

Presumptive

**Quality Control** 

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Not Detected at the reporting limit (or MDL or EDL if shown)

| 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.                                 |
| ¤              | 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   |

### Job ID: 820-7886-1

### Laboratory: Eurofins Lubbock

### 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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### **Client Sample Results**

|   |        | Client    | Sample R | esults | ;     |   |                |                        |                     | 1  |
|---|--------|-----------|----------|--------|-------|---|----------------|------------------------|---------------------|----|
| Client: Global Syn-Turf, Inc.<br>Project/Site: Lead Testing       |        |           |          |        |       |   |                | Job ID: 820            | )-7886-1            | 2  |
| Client Sample ID: AST Elitelawn<br>Date Collected: 03/24/23 12:14 |        |           |          |        |       |   | Lab Sar        | nple ID: 820-<br>Matri | 7886-1<br>ix: Solid |    |
| Date Received: 03/28/23 09:14                                     |        |           |          |        |       |   |                |                        |                     |    |
| Method: SW846 6010B - Metals (ICP)<br>Analyte                     | Result | Qualifier | RL       | MDL    | Unit  | D | Prepared       | Analyzed               | Dil Fac             | 5  |
| Lead  | <0.489 | U         | 1.00     | 0.489  | mg/Kg |   | 03/29/23 20:55 | 03/30/23 12:02         | 1                   | 6  |
|   |        |           |          |        |       |   |                |                        |                     |    |
|   |        |           |          |        |       |   |                |                        |                     | 8  |
|   |        |           |          |        |       |   |                |                        |                     | 9  |
|   |        |           |          |        |       |   |                |                        |                     |    |
|   |        |           |          |        |       |   |                |                        |                     |    |
|   |        |           |          |        |       |   |                |                        |                     |    |
|   |        |           |          |        |       |   |                |                        |                     | 13 |

### Method: 6010B - Metals (ICP)

| Lab Sample ID: MB \$60.06490/4 A                 |        |           |       |       |        |       |       |       |        |       | Client S   | omolo ID          | Mothor    | Diank   |   |
|--|--------|-----------|-------|-------|--------|-------|-------|-------|--------|-------|------------|-------------------|-----------|---------|---|
| Lab Sample ID: MB 860-96480/1-A<br>Matrix: Solid |        |           |       |       |        |       |       |       |        |       | Client S   | ample ID:<br>Bron | Type: T   |         |   |
|  |        |           |       |       |        |       |       |       |        |       |            |                   |           |         | 2 |
| Analysis Batch: 96568                            |        |           |       |       |        |       |       |       |        |       |            | Fre               | p Batch   | . 90400 |   |
|  |        | MB        |       |       |        |       |       |       | _      | _     |            |                   |           |         |   |
|  |        | Qualifier |       | RL    |        | MDL   |       |       | D      |       | repared    | Analy             | ·         | Dil Fac |   |
| Lead   | <0.461 | U         |       | 0.943 | C      | 0.461 | mg/Kg |       |        | 03/29 | 9/23 20:55 | 03/30/23          | 3 10:12   | 1       |   |
| Γ  |        |           |       |       |        |       |       |       |        |       | _          |                   |           |         | Ē |
| Lab Sample ID: LCS 860-96480/2-A                 |        |           |       |       |        |       |       |       | CI     | ient  | Sample     | ID: Lab C         | Control S | Sample  |   |
| Matrix: Solid                                    |        |           |       |       |        |       |       |       |        |       |            | Prep              | Type: T   | otal/NA |   |
| Analysis Batch: 96568                            |        |           |       |       |        |       |       |       |        |       |            | Pre               | p Batch   | : 96480 |   |
|  |        |           | Spike |       | LCS    | LCS   |       |       |        |       |            | %Rec              |           |         |   |
| Analyte  |        |           | Added |       | Result | Quali | fier  | Unit  |        | D     | %Rec       | Limits            |           |         |   |
| Lead   |        |           | 94.3  |       | 93.58  |       |       | mg/Kg |        | _     | 99         | 80 - 120          |           |         |   |
| Lab Sample ID: LCSD 860-96480/3-A                |        |           |       |       |        |       |       | CI    | ient S | Sam   | nle ID: I  | .ab Contr         | ol Samr   | de Dun  |   |
| Matrix: Solid                                    |        |           |       |       |        |       |       |       |        | Juin  |            |                   | Type: T   |         |   |
|  |        |           |       |       |        |       |       |       |        |       |            |                   |           |         |   |
| Analysis Batch: 96568                            |        |           |       |       |        |       |       |       |        |       |            |                   | p Batch   |         |   |
|  |        |           | Spike |       | LCSD   |       |       |       |        |       |            | %Rec              |           | RPD     |   |
| Analyte  |        |           | Added |       | Result | Quali | fier  | Unit  |        | D     | %Rec       | Limits            | RPD       | Limit   |   |
| Lead   |        |           | 94.3  |       | 93.40  |       |       | mg/Kg |        |       | 99         | 80 - 120          | 0         | 20      |   |

Job ID: 820-7886-1

Eurofins Lubbock

### 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        |                     |
| _CS 860-96480/2-A                                   | Lab Control Sample                | Total/NA              | Solid           | 3051A        |                     |
| LCSD 860-96480/3-A                                  | Lab Control Sample Dup            | Total/NA              | Solid           | 3051A        |                     |
| nalysis Batch: 96568                                |                                   |                       |                 |              |                     |
| nalysis Batch: 96568                                |                                   | Prep Type             | Matrix          | Method       | Prep Batch          |
| nalysis Batch: 96568<br>Lab Sample ID               |                                   |                       | Matrix<br>Solid | Method 6010B | Prep Batch<br>96480 |
| nalysis Batch: 96568<br>Lab Sample ID<br>820-7886-1 | Client Sample ID                  | Ргер Туре             |                 |              |                     |
|   | Client Sample ID<br>AST Elitelawn | Prep Type<br>Total/NA | Solid           | 6010B        | 96480               |

### **Client Sample ID: AST Elitelawn** Date Collected: 03/24/23 12:14

Date Received: 03/28/23 09:14

|           | Batch    | Batch  |     | Dil    | Initial | Final  | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|--------|---------|--------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method | Run | Factor | Amount  | Amount | Number | 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

Lab Sample ID: 820-7886-1 Matrix: Solid 5 6 Client: Global Syn-Turf, Inc. Project/Site: Lead Testing

### 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        |

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

|        | Mathead Davasiation                     | Ductorel | I also and and |
|--------|---|----------|----------------|
| 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

| Lab Gamala ID | Olivert Demarks ID | Madala | 0 - 11 4 4     | Desciond       |
|---------------|--------------------|--------|----------------|----------------|
| 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 |

| Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 | rder from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard, terms and conditions<br>seconsibility for any losses or expenses incurred by the client if such losses are due to circumstances bevond the control |
|--|--|
| Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 | Signature of this document and relinquishment of samples constitutes a valid purchase or<br>.e. Eurofins Xenco will be liable only for the cost of samples and shall not assume any re-  |

Loc: 820 **7886** 

| Eurofins Lubbock<br>6701 Aberdeen Ave. Suite 8<br>Lubbock, TX 79424<br>Phone: 806-794-1296   | Chain of Custody Record  | ody Record   |   | 💸 eurofins   Environment Testing  |
|--|--|--|---|---|
| n (Sub Contract Lab)   | Sampler  | Lab PM:<br>Builes, John  | Carrier Tracking No(s):   | COC No:<br>820-6380.1   |
|  | Phone:   | E-Mail:<br>John Builes@et.eurofinsus.com   | State of Origin:<br>California  | Page;<br>Page 1 of 1  |
| Company:<br>Eurofins Environment Testing South Centr   |  | Accreditations Required (See note)   |   | Job #:<br>B20L_7886_1   |
|  | Due Date Requested:<br>4/3/2023  | An   | Analysis Requested  | n Code  |
|  | ITAT Requested (days):   |  |   | NaOH<br>NaOH<br>Zn Acetate  |
| State, Zip:<br>TX, 77477   |  |  |   | ош  |
| Phone:<br>281-240-4200(Tel)  | ¥O4  |  |   | F MeOH<br>G Amchlor<br>H Ascorthic Acid   |
|  | W0#  | s (0)  |   | I Ice U<br>J DI Water V   |
| Project Name:<br>Lead Testing  | Project #:<br>82000176   | pini i   |   | k edta<br>L eda   |
|  | SSOWA:   | K0101:   |   | Other   |
|  | Sample<br>Type<br>Sample (C=comp,  | Matrix<br>Matrix<br>(Wwwatin<br>Swalich<br>OB/3051E (M   |   | -   |
| Sample Identification Client ID (Lab ID) Sample Date   | Time G=grab) a   |  |   | Special Instructions/Note:  |
| AST Elitelawn (820-7886-1)   | 12:14  | Solid X  |   |   |
|  | 1-   |  |   |   |
|  |  |  |   |   |
|  |  |  |   |   |
|  |  |  |   |   |
|  |  |  |   |   |
|  |  |  |   |   |
|  |  |  |   |   |
| Note Since laboratory accreditations are subject to change. Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratory or other instructions will be provided. Any changes to laboratory does not currently maintein accreditation in the State of Origin lasted above for analysis/statest/matrix being analyses, the samples the single of the single of Origin lasted above for analysis/statest/matrix being analyses, the samples the single of the single of Origin lasted above for analysis/statest/matrix being analyses to accreditation can price maintein accreditation in the State of Origin lasted above for analysis/statest/matrix being analyses to accreditation states should be brought to Eurofine Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting South Central, LLC. | I Testing South Central, LLC places the ownership of<br>ove for analysis/tests/mattx being analyzed, the samp<br>tral, LLC attention immediately. If all requested accre-<br>tion. | method, analyte & accreditation compliance up<br>ples must be shipped back to the Eurofins Envi<br>editations are current to date, return the signed | on our subcontract laboratories. This sample shi<br>nonment i esting South Central, LLC laboratory on<br>Chain of Custody attesting to said compliance to | ment is forwarded under chain-of-custody. If the<br>other instructions will be provided. Any changes to<br>curofins Environment Testing South Central, LLC. |
| Possible Hazard Identification<br>Unconfirmed  |  | Sample Disposal ( A fi   | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)  | tained longer than 1 month)   |
| i III IV Other (specify)   | Primary Deliverable Rank: 2  | Special Instructions/QC Requirements   | Requirements:   |   |
| Empty Kit Relinquished by:   | Date:  | Time:  | Method of Shipment  |   |
| Convaluent relaced   | 8/23 17 00   | Received by:   | FedEX Date/Time:  | Company   |
| FedÉX  |  | Received by:   |   | 3/29/2023 9-04 Company EX   |
|  | Date/Time: Cor   | Company Received by:   | <u>во</u>   |   |
| Custody Seals Intact Custody Seal No.<br>A Yes A No  |  | Cooler Temperature(s) °C and Other Remarks.  |   |   |
|  |  |  | Correcte  | Corrected Temp: (, ) 308/2021   |

Client: Global Syn-Turf, Inc.

### Login Number: 7886 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    |                                    |

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List Source: Eurofins Lubbock

Client: Global Syn-Turf, Inc.

### Login Number: 7886 List Number: 2 Creator: Pena, Jesiel

| 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               | True   |         |

List Source: Eurofins Houston

List Creation: 03/29/23 01:31 PM

<6mm (1/4").