



## Report of Findings

### Pesticide and Herbicide Sampling & Testing (APN: 942-030-011 (Latitude: 33°33'07.3"N, Longitude: 117°02'00.6"W))

41625 Enterprise Circle S., B-2  
Temecula, CA 92590



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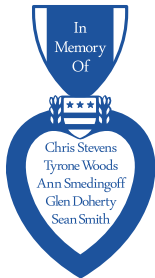
ph | 951.296.3511



fx | 951.240.3380



SDVOSB | DVBE



Project Number: 4436CS

May 12, 2023

Prepared for:

**Ted Neugebauer**  
**Temecula Valley Wine Management**  
27495 Diaz Road  
Temecula, California 92590

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May 12, 2023

**Ted Neugebauer, Project Manager**  
**Temecula Valley Wine Management**  
27495 Diaz Road  
Temecula, California 92590

**Subject: Report of Findings - Sampling and Documentation Operations for On-Site Soils Source – Austin Vineyards and Winery**  
**EnGEN Project Number: 4436CS**

- References:**
1. **SunStar Laboratory Inc**, Certificate of Analysis, Austin Winery, EnGEN Project Number: 4436CS, dated; February 21, 2023
  2. **EnGEN Corporation, Phase 1 Environmental Site Assessment** - Austin Vineyards and Winery, 22 Acres North of Glenoaks Road, Temecula, California, APN 942-030-011, Project Number: 4436EA1, Dated: July 19, 2021
  3. **EnGEN Corporation, Preliminary Updated Geotechnical Feasibility Study** - Austin Vineyards APN 942-030-006 Temecula, California, Project Number: 4436EA1, Dated: February 11, 2019
  4. **Bratene Engineering, Rough Grading Plan** - BGR Number: 1800141, Austin Vineyard, APN 942-030-006 Parcel 1 of Parcel Merger 180016, Glen Oaks Rd, California 92592, Job No: 18006, Dated October 23, 2018

Mr. Neugebauer,

In accordance with your request and signed authorization, **EnGEN Corporation** (EnGEN) has performed field observations, mapping and sampling operations at the subject site to comply with the Riverside County Department of Environmental Health Environmental Cleanup Program request to sample the subject property for the presence of pesticides and herbicides. Submitted, herein, is a report of the field operations and laboratory test results.

## **1.0 INTRODUCTION**

The work associated with the sampling and documenting the presence of pesticides and herbicides at the subject property has been completed and objectives accomplished. In-situ-soil samples have been properly secured and tested for the presence of compounds associated with pesticides and herbicides at the subject property. The following report documents the field and laboratory operations completed, along with conclusions and recommendations.

## **2.0 PURPOSE AND SCOPE OF WORK**

### **2.1 General:**

The purpose and scope of work associated with this limited investigation was to comply with the County of Riverside Department of Environmental Health, Environmental Cleanup Program's request to determine the presence of compounds associated with the historical use and/or storage of pesticide and herbicides as documented in the Reference No. 2 Report.

### **2.2 Sampling Protocol:**

The sampling methodology followed for the environmental samples to be tested for hazardous materials substantially conformed to the California Department of Toxic Substances Control (DTSC) and California Department of Environmental Protection Agency (CALEPA) for Sampling Agricultural Properties. All sampling protocols were exercised in a professional manner consistent with the standard of practice and guidelines established under CALEPA DTSC Human Health Risk Modified Screening Levels (SLs) dated May 2022.

## **3.0 HISTORICAL INVESTIGATIONS**

The scope of work performed by this firm for the sampling operations did not include an investigation into the historical use of the proposed import site. However, the Reference No. 2 Report provides historical land use research associated with the subject site and was used as a guide in determining the sampling locations (see Plate 1).

## **4.0 ENVIRONMENTAL SAMPLING AND ANALYSIS OPERATIONS**

### **4.1 Defining and Documenting the Sampling Area:**

The sampling area illustrated on Plate 1 of this report represents the area identified in the Reference No. 2 report wherein possible pesticides and or herbicides were in historical use at the subject property.

#### **4.1.1 Air and Soil Monitoring During Sampling Operations:**

The air and soil sampling area were monitored for VOC's during sampling operations to insure the safety of personnel during field operations. There were no VOC's recorded during the sampling operations.

### **4.2 Sampling Requirements:**

There are no reference criteria provided in the project specifications regarding the screening protocol requirements. At the client's request EnGEN formulated the criteria to establish securing representative soil samples of the area in question at the subject site following guidelines discussed under § 2.2 of this report.

#### 4.2.1 Sampling Procedures:

The sampling procedure followed the general guidelines provided under EPA field branches quality assurance system and technical procedures published under LSADROC-300-R4 are summarized in the following sections of this report.

#### 4.2.2 Safety:

Safety precautions were observed when collecting the soil samples. A safety meeting was held on site with all field personnel prior to commencing field operations. The safety meeting was documented by the senior safety personnel (Mark Thompson, EnGEN) to confirm that all personnel wore the required safety equipment and were properly briefed on scope of work to be undertaken and field personnel's assigned duties and whereabouts were known at all times. Upon the satisfactory conclusion of the safety meeting, personnel commenced individual task responsibilities according to the procedures as described under § 2.2 of this report.

#### 4.2.3 Sample Collection:

**Sample Documentation:** Field sampling operations were documented in a bound logbook by the sampler who retained custody of the samples in the field and conducted transport operations. Daily field records were used to document where, when how and from whom vital project information was obtained. All entries are complete and sufficiently accurate to permit reconstruction of field activities.

**Sample Containers:** Soil samples were stored in 1-gallon zip-lock bags properly sealed and marked for each sample as follows:

- Project Name
- Date
- Sample Number
- Sample Location
- Air Temperature
- Project Number
- Time
- Soil Classification
- Sample Depth
- Weathered Conditions

**Gloves:** A clean pair of new, non-powdered, disposable gloves were worn each time a different sample was collected, and the gloves were done immediately prior to sampling. The gloves did not come in contact with the media being sampled and were changed if the sample collection cleanliness protocol was compromised.

**Sample Handling:** Special care was taken not to contaminate samples. Samples were taken with sterile sampling equipment. When sampling equipment was used on multiple samples, they were cleaned and sterilized after each sampling event. Samples were stored in a secure location within the sampling area to insure conditions would not alter the properties of the sample. Samples were taken immediately from the sampling area on site to the storage container where they were placed on ice in clean insulated coolers and remained until properly transported to EnGEN's laboratory under chain of custody protocols. Samples coolers were marked with the project Name, number, date, and quantity of sample contained in each container.

**Field Duplicates:** Field duplicates are samples that were collected in the same manner as the primary samples and stored per the workplan procedures for future testing as deemed necessary by the District to confirm test results for precision purposes. The field duplicates were stored at EnGEN's facility under chain of custody procedures where they remain until they are properly disposed of 30 days from the distribution of this report unless otherwise instructed by the District.

**Field Equipment and Calibration:** All field equipment used for the sampling and documentation procedures was calibrated, in good condition and working order. Any repairs and maintenance completed on equipment during the investigation (if any) were recorded on the daily field records.

**Decontamination Procedures:** All equipment coming into contact with potentially contaminated soil was decontaminated consistently to ensure the quality of the samples collected. Disposable equipment intended for one time use was not decontaminated but packaged for appropriate disposal. Before initial use and between sampling locations, reusable sampling equipment or containers were properly decontaminated using the following procedures:

- Non-phosphate detergent and tap water wash, using a brush when necessary.
- Tap-water Rinses;
- Initial deionized/distilled water rinse;
- Final deionized/distilled water rinse; and
- Set on clean plastic sheeting to air dry.

**Investigative Waste Management Material:** In the process of collecting environmental samples, different types of potentially contaminated investigation-derived wastes (IDW) were generated as follows:

- Used personal protective equipment (PPE);
- Disposable sampling equipment;
- Decontamination fluids;
- Excess soil collected for sample container filling; and
- Soil cuttings.

The U.S. EPA's National Contingency Plan requires that management of IDW generated during such investigations comply with applicable or relevant and appropriate requirements (ARARs) to the extent practicable. Because PEE will be limited due to the nature of this investigation, disposal of IDW's were contained in 55 gallon plastic bags for storage and transportation to a suitable disposal facility.

**Chain of Custody Records (COC):** Collected samples remained in the custody of EnGEN personnel and facility under chain of custody documentation practices until relinquished per the standard of care exercised in chain of custody practices. COC records were used to document sample collection and shipment to SunStar Laboratories, Inc. for analysis. A COC record accompanied each sample shipment identifying the contents of each shipment and maintained the custodial integrity of the samples. By definition a sample is considered to be in someone's custody if it is either in someone's physical position, in view, locked up, or kept in a secured area restricted to authorized personnel until received by the laboratory. The custody of the samples is the responsibility of the sample collector or courier.

**Transport:** Samples were transported in the storage containers as described above under chain of custody to SunStar Laboratories, Inc, a State certified laboratory. All appropriate documentation accompanied samples at all times under the standard of care guidelines provided in the project §.

**5.0 SOIL ANALYSIS:**

**5.1 Hazardous Materials Analytical Testing and Results:**

Test results from samples secured for this report are provided under Appendix 2 of this report.

**5.1.1 Concentration Limit Results:**

All samples tested for the subject site fall below the Cal EPA toxicity criteria for human health risk assessment allowable contaminant concentration levels. See analytical test results under Appendix 2 of this report.

**6.0 CONCLUSIONS AND RECOMMENDATIONS**


**6.1 Hazardous Materials Clearance:**

Based on the test conducted in accordance with the procedures covered under this report, it is the opinion of this firm that the soils at the subject site comply with Cal EPA regulatory guidelines and do not represent a threat to human health and safety from a hazardous materials standpoint based on the criteria established under DTSC-SLs (2022).


**6.2 Recommendations:**

No further action is required at this time.

Respectfully submitted,  
**EnGEN Corporation**

  
H. Wayne Baimbridge, Principal  
REPA 467279



  
Osborn Bratene, Principal  
GE 162



HWB/OB/al:

Distribution: (2) Addressee

## APPENDIX 1 - GENERAL TECHNICAL REFERENCES

1. Cal EPA The Use of California Human Health Screen Levels (CHHSLs) in Evaluation of Contaminated Properties (2023)
2. CAL EPA Regional Screen Level (RSL) Resident Soil Table (TR-1E-06. HQ=1) (2022.)
3. Cal EPA Preliminary Endangerment Assessment Guidance Manual (2015).
4. California Regional Water Quality Control Board, Technical Reference Document, Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil as Inert Waste (2006)
5. California Department of Toxic Substance Control, Clean Imported Fill Information Fact Sheet (2001)
6. County of Riverside, Transportation and Land Management Agency, Building and Safety Department, Planning Department and Transportation Department, Technical Guidelines for Review of Geotechnical and Geologic Reports (2000)



## APPENDIX 2 – ANALYTICAL TEST RESULTS



25712 Commercentre Drive  
Lake Forest, California 92630  
949.297.5020 Phone  
949.297.5027 Fax

21 February 2023

Jason Philpot  
EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula, CA 92590  
RE: Austin Winery

Enclosed are the results of analyses for samples received by the laboratory on 02/14/23 13:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee  
Project Manager



25712 Commercentre Drive  
 Lake Forest, California 92630  
 949.297.5020 Phone  
 949.297.5027 Fax

EnGEN Corporation 41625 Enterprise Circle South, B-2 Temecula CA, 92590	Project: Austin Winery Project Number: 4436 Project Manager: Jason Philpot	Reported: 02/21/23 15:43
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-1	T230401-01	Soil	01/30/23 00:00	02/14/23 13:30
A-2	T230401-02	Soil	01/30/23 00:00	02/14/23 13:30
A-3	T230401-03	Soil	01/30/23 00:00	02/14/23 13:30
A-4	T230401-04	Soil	01/30/23 00:00	02/14/23 13:30
A-5	T230401-05	Soil	01/30/23 00:00	02/14/23 13:30
A-6	T230401-06	Soil	01/30/23 00:00	02/14/23 13:30
A-7	T230401-07	Soil	01/30/23 00:00	02/14/23 13:30
A-8	T230401-08	Soil	01/30/23 00:00	02/14/23 13:30
A-9	T230401-09	Soil	01/30/23 00:00	02/14/23 13:30
A-10	T230401-10	Soil	01/30/23 00:00	02/14/23 13:30
A-11	T230401-11	Soil	01/30/23 00:00	02/14/23 13:30

SunStar Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**DETECTIONS SUMMARY**

**Sample ID:** A-1 **Laboratory ID:** T230401-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	130	1.0		mg/kg	EPA 6010b	
Chromium	5.7	2.0		mg/kg	EPA 6010b	
Cobalt	5.7	2.0		mg/kg	EPA 6010b	
Copper	6.4	1.0		mg/kg	EPA 6010b	
Nickel	2.5	2.0		mg/kg	EPA 6010b	
Vanadium	27	5.0		mg/kg	EPA 6010b	
Zinc	35	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-2 **Laboratory ID:** T230401-02

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	130	1.0		mg/kg	EPA 6010b	
Chromium	5.4	2.0		mg/kg	EPA 6010b	
Cobalt	5.8	2.0		mg/kg	EPA 6010b	
Copper	4.0	1.0		mg/kg	EPA 6010b	
Nickel	2.3	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	36	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-3 **Laboratory ID:** T230401-03

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	140	1.0		mg/kg	EPA 6010b	
Chromium	5.6	2.0		mg/kg	EPA 6010b	
Cobalt	6.0	2.0		mg/kg	EPA 6010b	
Copper	4.9	1.0		mg/kg	EPA 6010b	
Nickel	2.5	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	33	1.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**Sample ID:** A-4 **Laboratory ID:** T230401-04

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	110	1.0		mg/kg	EPA 6010b	
Chromium	6.3	2.0		mg/kg	EPA 6010b	
Cobalt	5.2	2.0		mg/kg	EPA 6010b	
Copper	9.7	1.0		mg/kg	EPA 6010b	
Lead	3.4	3.0		mg/kg	EPA 6010b	
Nickel	2.8	2.0		mg/kg	EPA 6010b	
Vanadium	26	5.0		mg/kg	EPA 6010b	
Zinc	44	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-5 **Laboratory ID:** T230401-05

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	85	1.0		mg/kg	EPA 6010b	
Chromium	5.0	2.0		mg/kg	EPA 6010b	
Cobalt	4.4	2.0		mg/kg	EPA 6010b	
Copper	5.8	1.0		mg/kg	EPA 6010b	
Nickel	2.3	2.0		mg/kg	EPA 6010b	
Vanadium	22	5.0		mg/kg	EPA 6010b	
Zinc	35	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-6 **Laboratory ID:** T230401-06

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	110	1.0		mg/kg	EPA 6010b	
Chromium	6.1	2.0		mg/kg	EPA 6010b	
Cobalt	5.4	2.0		mg/kg	EPA 6010b	
Copper	8.1	1.0		mg/kg	EPA 6010b	
Lead	3.3	3.0		mg/kg	EPA 6010b	
Nickel	2.6	2.0		mg/kg	EPA 6010b	
Vanadium	30	5.0		mg/kg	EPA 6010b	
Zinc	51	1.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**Sample ID:** A-7 **Laboratory ID:** T230401-07

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	160	1.0		mg/kg	EPA 6010b	
Chromium	5.2	2.0		mg/kg	EPA 6010b	
Cobalt	5.0	2.0		mg/kg	EPA 6010b	
Copper	5.2	1.0		mg/kg	EPA 6010b	
Nickel	2.2	2.0		mg/kg	EPA 6010b	
Vanadium	28	5.0		mg/kg	EPA 6010b	
Zinc	45	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-8 **Laboratory ID:** T230401-08

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	170	1.0		mg/kg	EPA 6010b	
Chromium	6.4	2.0		mg/kg	EPA 6010b	
Cobalt	5.7	2.0		mg/kg	EPA 6010b	
Copper	11	1.0		mg/kg	EPA 6010b	
Nickel	2.9	2.0		mg/kg	EPA 6010b	
Vanadium	31	5.0		mg/kg	EPA 6010b	
Zinc	49	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-9 **Laboratory ID:** T230401-09

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	110	1.0		mg/kg	EPA 6010b	
Chromium	5.2	2.0		mg/kg	EPA 6010b	
Cobalt	5.5	2.0		mg/kg	EPA 6010b	
Copper	3.1	1.0		mg/kg	EPA 6010b	
Nickel	2.3	2.0		mg/kg	EPA 6010b	
Vanadium	29	5.0		mg/kg	EPA 6010b	
Zinc	35	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-10 **Laboratory ID:** T230401-10

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	76	1.0		mg/kg	EPA 6010b	

SunStar Laboratories, Inc.



Jeff Lee, Project Manager

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41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**Sample ID:** A-10

**Laboratory ID:** T230401-10

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Chromium	5.5	2.0		mg/kg	EPA 6010b	
Cobalt	6.4	2.0		mg/kg	EPA 6010b	
Copper	4.0	1.0		mg/kg	EPA 6010b	
Nickel	2.5	2.0		mg/kg	EPA 6010b	
Vanadium	33	5.0		mg/kg	EPA 6010b	
Zinc	28	1.0		mg/kg	EPA 6010b	

**Sample ID:** A-11

**Laboratory ID:** T230401-11

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Barium	120	1.0		mg/kg	EPA 6010b	
Chromium	5.6	2.0		mg/kg	EPA 6010b	
Cobalt	5.8	2.0		mg/kg	EPA 6010b	
Copper	4.1	1.0		mg/kg	EPA 6010b	
Nickel	2.4	2.0		mg/kg	EPA 6010b	
Vanadium	29	5.0		mg/kg	EPA 6010b	
Zinc	38	1.0		mg/kg	EPA 6010b	

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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-1  
T230401-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	02/21/23	"	
Arsenic	ND	5.0	"	"	"	"	02/21/23	"	
<b>Barium</b>	<b>130</b>	1.0	"	"	"	"	02/21/23	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>5.7</b>	2.0	"	"	"	"	02/21/23	"	
<b>Cobalt</b>	<b>5.7</b>	2.0	"	"	"	"	02/21/23	"	
<b>Copper</b>	<b>6.4</b>	1.0	"	"	"	"	02/21/23	"	
Lead	ND	3.0	"	"	"	"	02/21/23	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.5</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	02/21/23	"	
<b>Vanadium</b>	<b>27</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>35</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.



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Jeff Lee, Project Manager



EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-2**  
**T230401-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>130</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>5.4</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.8</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.0</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.3</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>30</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>36</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-3  
T230401-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>140</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	02/21/23	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>5.6</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>6.0</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.9</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.5</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>30</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>33</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-4**  
**T230401-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>110</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>6.3</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.2</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>9.7</b>	1.0	"	"	"	"	"	"	
<b>Lead</b>	<b>3.4</b>	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.8</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>26</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>44</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation 41625 Enterprise Circle South, B-2 Temecula CA, 92590	Project: Austin Winery Project Number: 4436 Project Manager: Jason Philpot	Reported: 02/21/23 15:43
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**A-5  
T230401-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>85</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	02/21/23	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>5.0</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>4.4</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>5.8</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.3</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>22</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>35</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-6**  
**T230401-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	02/21/23	"	
Arsenic	ND	5.0	"	"	"	"	02/21/23	"	
<b>Barium</b>	<b>110</b>	1.0	"	"	"	"	02/21/23	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>6.1</b>	2.0	"	"	"	"	02/21/23	"	
<b>Cobalt</b>	<b>5.4</b>	2.0	"	"	"	"	02/21/23	"	
<b>Copper</b>	<b>8.1</b>	1.0	"	"	"	"	02/21/23	"	
<b>Lead</b>	<b>3.3</b>	3.0	"	"	"	"	02/21/23	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.6</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	02/21/23	"	
<b>Vanadium</b>	<b>30</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>51</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

A-7

T230401-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>160</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>5.2</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.0</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>5.2</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.2</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>28</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>45</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager

EnGEN Corporation 41625 Enterprise Circle South, B-2 Temecula CA, 92590	Project: Austin Winery Project Number: 4436 Project Manager: Jason Philpot	Reported: 02/21/23 15:43
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**A-8  
T230401-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>170</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	02/21/23	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>6.4</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.7</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>11</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.9</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>31</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>49</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-9**  
**T230401-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>110</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	02/21/23	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>5.2</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.5</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>3.1</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.3</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>29</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>35</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager



EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-10**  
**T230401-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>76</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
<b>Chromium</b>	<b>5.5</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>6.4</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.0</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.5</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>33</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>28</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**A-11**  
**T230401-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Metals by EPA 6010B**

Antimony	ND	4.0	mg/kg	1	23B0187	02/15/23	02/21/23	EPA 6010b	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
<b>Barium</b>	<b>120</b>	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	02/21/23	"	
Cadmium	ND	2.0	"	"	"	"	02/21/23	"	
<b>Chromium</b>	<b>5.6</b>	2.0	"	"	"	"	"	"	
<b>Cobalt</b>	<b>5.8</b>	2.0	"	"	"	"	"	"	
<b>Copper</b>	<b>4.1</b>	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	5.0	"	"	"	"	"	"	
<b>Nickel</b>	<b>2.4</b>	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	5.0	"	"	"	"	"	"	
<b>Vanadium</b>	<b>29</b>	5.0	"	"	"	"	"	"	
<b>Zinc</b>	<b>38</b>	1.0	"	"	"	"	"	"	

**Cold Vapor Extraction EPA 7470/7471**

Mercury	ND	0.10	mg/kg	1	23B0175	02/15/23	02/16/23	EPA 7471A Soil	
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Jeff Lee, Project Manager



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EnGEN Corporation 41625 Enterprise Circle South, B-2 Temecula CA, 92590	Project: Austin Winery Project Number: 4436 Project Manager: Jason Philpot	Reported: 02/21/23 15:43
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**Metals by EPA 6010B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 23B0187 - EPA 3050B**

**Blank (23B0187-BLK1)**

Prepared: 02/15/23 Analyzed: 02/21/23

Antimony	ND	4.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	5.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	5.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							

**LCS (23B0187-BS1)**

Prepared: 02/15/23 Analyzed: 02/21/23

Arsenic	84.9	5.0	mg/kg	100		84.9	75-125			
Barium	90.6	1.0	"	100		90.6	75-125			
Cadmium	92.5	2.0	"	100		92.5	75-125			
Chromium	91.8	2.0	"	100		91.8	75-125			
Lead	89.2	3.0	"	100		89.2	75-125			

**Matrix Spike (23B0187-MS1)**

Source: T230401-01

Prepared: 02/15/23 Analyzed: 02/21/23

Arsenic	70.3	5.0	mg/kg	100	ND	70.3	75-125			QM-05
Barium	198	1.0	"	100	130	68.0	75-125			QM-05
Cadmium	77.1	2.0	"	100	0.444	76.6	75-125			
Chromium	82.3	2.0	"	100	5.69	76.7	75-125			
Lead	74.6	3.0	"	100	2.54	72.0	75-125			QM-05

SunStar Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**Metals by EPA 6010B - Quality Control**

**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 23B0187 - EPA 3050B**

**Matrix Spike Dup (23B0187-MSD1)**

**Source: T230401-01**

Prepared: 02/15/23 Analyzed: 02/21/23

Arsenic	70.8	5.0	mg/kg	100	ND	70.8	75-125	0.699	20	QM-05
Barium	194	1.0	"	100	130	64.5	75-125	1.80	20	QM-05
Cadmium	76.3	2.0	"	100	0.444	75.9	75-125	1.01	20	
Chromium	82.0	2.0	"	100	5.69	76.3	75-125	0.399	20	
Lead	74.8	3.0	"	100	2.54	72.3	75-125	0.379	20	QM-05

SunStar Laboratories, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

**Cold Vapor Extraction EPA 7470/7471 - Quality Control**

**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 23B0175 - EPA 7471A Soil**

**Blank (23B0175-BLK1)**

Prepared: 02/14/23 Analyzed: 02/16/23

Mercury ND 0.10 mg/kg

**LCS (23B0175-BS1)**

Prepared: 02/14/23 Analyzed: 02/16/23

Mercury 0.387 0.10 mg/kg 0.397 97.4 80-120

**Matrix Spike (23B0175-MS1)**

**Source: T230399-01**

Prepared: 02/14/23 Analyzed: 02/16/23

Mercury 0.407 0.10 mg/kg 0.417 ND 97.8 80-120

**Matrix Spike Dup (23B0175-MSD1)**

**Source: T230399-01**

Prepared: 02/14/23 Analyzed: 02/16/23

Mercury 0.382 0.10 mg/kg 0.397 ND 96.3 80-120 6.33 20

SunStar Laboratories, Inc.



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Jeff Lee, Project Manager

EnGEN Corporation  
41625 Enterprise Circle South, B-2  
Temecula CA, 92590

Project: Austin Winery  
Project Number: 4436  
Project Manager: Jason Philpot

**Reported:**  
02/21/23 15:43

### Notes and Definitions

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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SunStar Laboratories, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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Jeff Lee, Project Manager

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive, Lake Forest, CA 92630  
949-297-5020

### Chain of Custody Record

Client: ENGEN Corporation  
 Address: 41625 Enterprise Circle S, B-2  
 Phone: 951-296-3511 Fax: \_\_\_\_\_  
 Project Manager: Jason Philpot

Date: \_\_\_\_\_ Page: \_\_\_\_\_ Of \_\_\_\_\_  
 Project Name: Austin Winery  
 Collector: \_\_\_\_\_ Client Project #: 4436  
 Batch #: T230401 EDF #: \_\_\_\_\_

Laboratory ID #	Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	Comments/Preservative	Total # of containers
1	A-1	1/30/23		BULK										X	X		1
2	A-2	↓												X	X		1
3	A-3													X	X		1
4	A-4													X	X		1
5	A-5													X	X		1
6	A-6													X	X		1
7	A-7													X	X		1
8	A-8													X	X		1
9	A-9													X	X		1
10	A-10													X	X		1
11	A-11													X	X		1
Relinquished by: (signature) <u>Jason Philpot</u> Date / Time <u>2-14-23 1024</u>						Received by: (signature) <u>[Signature]</u> Date / Time <u>2-14-23 1024</u>						Total # of containers		11	Notes		
Relinquished by: (signature) <u>[Signature]</u> Date / Time <u>2-14-23 1330</u>						Received by: (signature) <u>[Signature]</u> Date / Time <u>2-14-23 1330</u>						Chain of Custody seals Y/N <u>NA</u>					
Relinquished by: (signature) _____ Date / Time _____						Received by: (signature) _____ Date / Time _____						Seals intact? Y/N <u>NA</u>					
													Received good condition/cold		2.8°C		
													Turn around time: _____				

Sample disposal Instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_

**COC 192328**



## SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T230401

Client Name: Engen Corporation Project: Austin Winery

Delivered by:  Client  SunStar Courier  GLS  FedEx  Other

If Courier, Received by: Dave Date/Time Courier Received: 2.14.23 1024

Lab Received by: Joann Date/Time Lab Received: 2.14.23 1330

Total number of coolers received: 1 Thermometer ID: SC-1 Calibration due: 8/2/23

Temperature: Cooler #1	2.7	°C +/- the CF (+ 0.1°C) =	2.8	°C corrected temperature
Temperature: Cooler #2		°C +/- the CF (+ 0.1°C) =		°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (+ 0.1°C) =		°C corrected temperature
<b>Temperature criteria = ≤ 6°C (no frozen containers)</b>		Within criteria?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<b>If NO:</b>				
Samples received on ice?			<input type="checkbox"/> Yes	<input type="checkbox"/> No → <b>Complete Non-Conformance Sheet</b>
If on ice, samples received same day collected?			<input type="checkbox"/> Yes → Acceptable	<input type="checkbox"/> No → <b>Complete Non-Conformance Sheet</b>

Custody seals intact on cooler/sample  Yes  No\*  N/A

Sample containers intact  Yes  No\*

Sample labels match Chain of Custody IDs  Yes  No\*

Total number of containers received match COC  Yes  No\*

Proper containers received for analyses requested on COC  Yes  No\*

Proper preservative indicated on COC/containers for analyses requested  Yes  No\*  N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times  Yes  No\*

\* Complete Non-Conformance Receiving Sheet if checked      Cooler/Sample Review - Initials and date: AS 2.14.23

**Comments:**

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**WORK ORDER**

**T230401**

**Client: EnGEN Corporation**  
**Project: Austin Winery**

**Project Manager: Jeff Lee**  
**Project Number: 4436**

**Report To:**

EnGEN Corporation  
 Jason Philpot  
 41625 Enterprise Circle South, B-2  
 Temecula, CA 92590

Date Due: 02/21/23 17:00 (5 day TAT)

Received By: Joann Marroquin

Date Received: 02/14/23 13:30

Logged In By: Rebecca Traficanto

Date Logged In: 02/14/23 15:04

Samples Received at: **2.8°C**  
 Custody Seals No Received On Ice No  
 Containers Intact Yes  
 COC/Labels Agree Yes  
 Preservation Confir Yes

Analysis	Due	TAT	Expires	Comments
<b>T230401-01 A-1 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-02 A-2 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-03 A-3 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-04 A-4 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-05 A-5 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-06 A-6 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-07 A-7 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-08 A-8 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-09 A-9 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp; 6010 Title 22</b>	02/21/23 15:00	5	07/29/23 00:00	

**WORK ORDER**

**T230401**

<b>Client:</b> EnGEN Corporation	<b>Project Manager:</b> Jeff Lee
<b>Project:</b> Austin Winery	<b>Project Number:</b> 4436

Analysis	Due	TAT	Expires	Comments
<b>T230401-10 A-10 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Title 22	02/21/23 15:00	5	07/29/23 00:00	
<b>T230401-11 A-11 [Soil] Sampled 01/30/23 00:00 (GMT-08:00) Pacific Time (US &amp;</b>				
6010 Title 22	02/21/23 15:00	5	07/29/23 00:00	

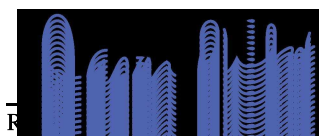
**Analysis groups included in this work order**

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6010 Title 22

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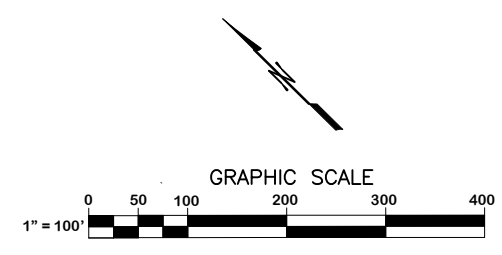
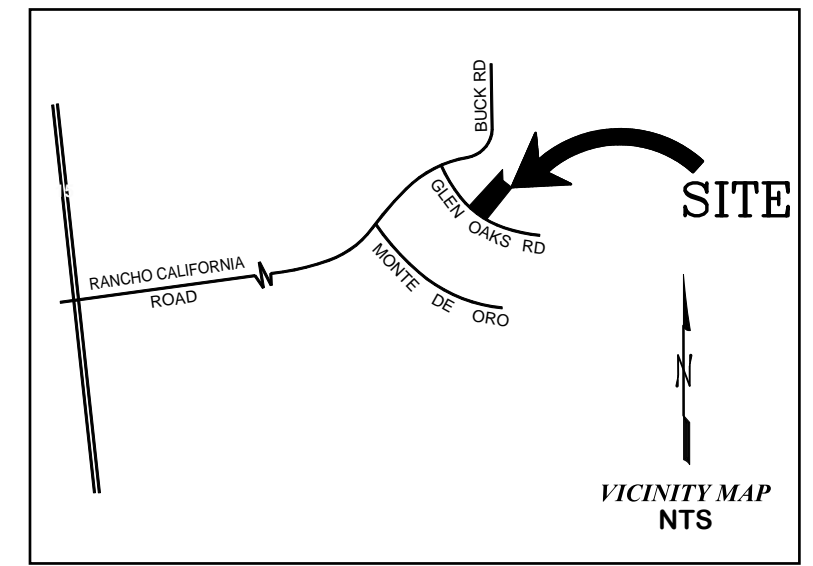
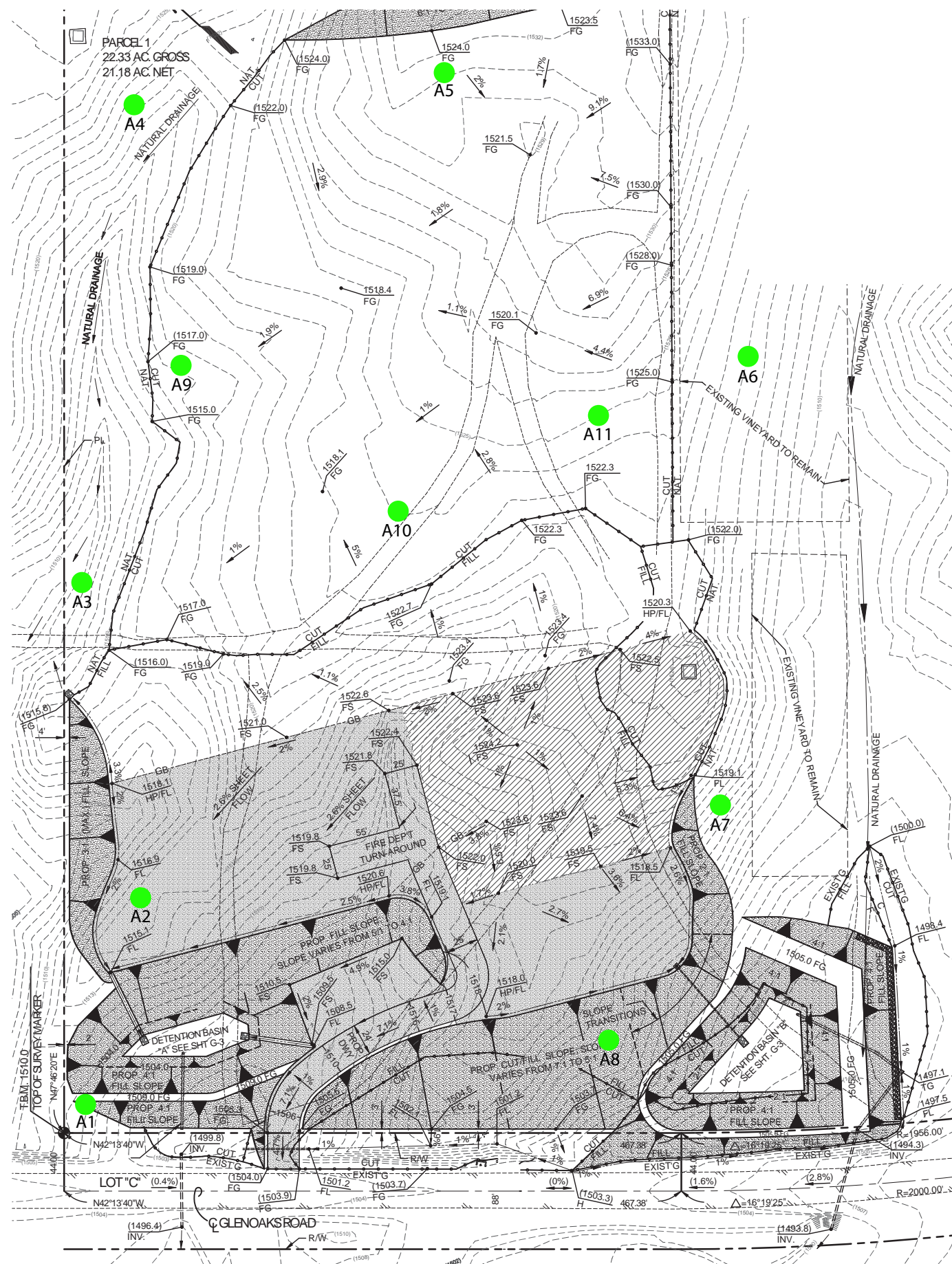
subgroup 6010B T22      7470/71 Hg




02/15/2023  
 Date

## PLATE 1 – SAMPLE AREA LOCATION SITE PLAN

# PLATE 1



**LEGEND**

 = Approximate Location of Samples  
 A11

## SAMPLE LOCATION SITE PLAN

Project Name: Austin Winery		Date: 03/01/2023	
Project Number: 4436EA1	Client: Austin Winery		
Legal Description: APN: 942-030-006	Plate No. 1		