

Californian STLC/TTLC Test

(Soluble Threshold Limit Concentration
– Total Threshold Limit Concentration)

Report



The only natural spill cleanup solution that protects
your workers, your bottom line and the planet.

Fix it, for good.



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

January 20, 2020

Damien Williams
American Green Ventures (US) Inc.
180 Towerview Court
Cary, NC 27513

TEL: (919) 535-8278
FAX:

Project ID:
RE: 2001015

Dear Damien Williams:

Zalco Laboratories, Inc. received 3 samples on 1/3/2020 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future . Please feel free to call our office if you have any questions regarding these test results.

Sincerely,



Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTL: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
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.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

American Green Ventures (US) Inc. 180 Towerview Court Cary, NC 27513	Project: Master Project #: Attention: Damien Williams	Work Order No.: 2001015 Reported: 01/20/2020 Received: 01/03/2020 13:24
--	---	---

Lab Sample ID: 2001015-01 Client Sample ID: Mixture of Spillfix and Used Motor Oil	Collected By: Client Date Collected: 1/3/2020 12:00:00AM
---	---

Analyte	Results	PQL	MDL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
CAM, Toxicity (17 Metals)									
<i>TTLIC Limits</i>									
Antimony	<10	10	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Arsenic	2.6	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Barium	9.4	5.0	10000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Beryllium	<0.50	0.50	75	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cadmium	<0.50	0.50	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Chromium	3.6	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cobalt	<5.0	5.0	8000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Copper	31	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Lead	45	2.5	1000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Mercury	<0.050	0.050	20	mg/kg		SW846 7471A	1/14/20	1/15/20	SS
Molybdenum	15	5.0	3500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Nickel	<2.5	2.5	2000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Selenium	<2.5	2.5	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Silver	<1.0	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Thallium	<25	25	700	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Vanadium	<5.0	5.0	2400	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Zinc	150	2.5	5000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
CAM, Toxicity (Aquatic Bioassay)									
<i>22 CCR Limit</i>									
LC 50	> 500		500 or less	mg/L		Polisini-Miller	1/13/20	1/17/20	GH

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLIC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
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.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

American Green Ventures (US) Inc. 180 Towerview Court Cary, NC 27513	Project: Master Project #: Attention: Damien Williams	Work Order No.: 2001015 Reported: 01/20/2020 Received: 01/03/2020 13:24
--	---	---

Lab Sample ID: 2001015-02	Collected By: Client
Client Sample ID: Mixture of Spillfix and Benzene	Date Collected: 1/3/2020 12:00:00AM

Analyte	Results	PQL	MDL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
CAM, Toxicity (17 Metals)			<i>TTLIC Limits</i>						
Antimony	<10	10	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Arsenic	1.4	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Barium	12	5.0	10000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Beryllium	<0.50	0.50	75	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cadmium	<0.50	0.50	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Chromium	3.8	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cobalt	<5.0	5.0	8000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Copper	8.2	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Lead	<2.5	2.5	1000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Mercury	<0.050	0.050	20	mg/kg		SW846 7471A	1/14/20	1/15/20	SS
Molybdenum	<5.0	5.0	3500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Nickel	<2.5	2.5	2000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Selenium	<2.5	2.5	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Silver	<1.0	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Thallium	<25	25	700	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Vanadium	<5.0	5.0	2400	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Zinc	66	2.5	5000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLIC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
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.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

American Green Ventures (US) Inc. 180 Towerview Court Cary, NC 27513	Project: Master Project #: Attention: Damien Williams	Work Order No.: 2001015 Reported: 01/20/2020 Received: 01/03/2020 13:24
--	---	--

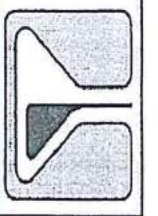
Lab Sample ID: 2001015-03	Collected By: Client
Client Sample ID: Mixture of Spillfix and Gasoline	Date Collected: 1/3/2020 12:00:00AM

Analyte	Results	PQL	MDL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
CAM, Toxicity (17 Metals)									
			<i>TTLC Limits</i>						
Antimony	<10	10	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Arsenic	1.6	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Barium	12	5.0	10000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Beryllium	<0.50	0.50	75	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cadmium	<0.50	0.50	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Chromium	4.4	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Cobalt	<5.0	5.0	8000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Copper	7.7	2.5	2500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Lead	<2.5	2.5	1000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Mercury	<0.048	0.048	20	mg/kg		SW846 7471A	1/14/20	1/15/20	SS
Molybdenum	<5.0	5.0	3500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Nickel	<2.5	2.5	2000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Selenium	<2.5	2.5	100	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Silver	<1.0	1.0	500	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Thallium	<25	25	700	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Vanadium	<5.0	5.0	2400	mg/kg		SW846 6010B	1/16/20	1/17/20	SS
Zinc	34	2.5	5000	mg/kg		SW846 6010B	1/16/20	1/17/20	SS

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative

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.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



ZALCO LABORATORIES, INC.
4309 Armour Avenue, Bakersfield, CA 93308 (661) 395-0639 FAX (661) 395-3069

www.zalcolabs.com

CHAIN OF CUSTODY, ID#

Client PO: _____
Project ID: _____
Quote ID: _____

ANALYSIS REQUESTED

2001615

COMPANY			CONTACT			PHONE			FAX			ADDRESS			EMAIL			SAMPLER (SIGNATURE)			LAB #			SAMPLE DESCRIPTION			DATE			TIME			Fish Bioassay			CAM 17 Metals			Number of Containers			Type of Containers			Sample Matrix			COMMENTS																	
American Green Ventures (US) Inc.			Damien Williams			(919) 535-8278						180 Towerview Court			Cary, North Carolina 27513			damien.williams@am-green.com																																															
Retinquinched By:			Company:			Date:			Time:			Received By:			Company:																																																		
Damien Williams			American Green Ventures			03 Jan 2020			1324			PSS			Zalco																																																		
NOTE: Samples Discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.																																																																	

C.O.D.

Sample Type Key:
 Aq-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Groundwater; G-Gas
 LPG-Liquid Petroleum Gas; OL-Oil; P-Petroleum; S-Solid/Soil; ST-Storm water
 WW-Wastewater