

LAB CHRONICLE

OrderID:	Q3032	OrderDate:	9/5/2025 12:41:17 PM
Client:	Zuccaro Inc.	Project:	3 Coal Ave., Morristown, NJ
Contact:	Sal Zuccaro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-02	SOIL-PILE-1	TCLP	TCLP Pesticide	8081B	09/05/25	09/11/25	09/11/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-05	SOIL-PILE-2	TCLP	TCLP Pesticide	8081B	09/05/25	09/11/25	09/11/25	09/05/25



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3032

Order ID: Q3032

Client: Zuccaro Inc.

Project ID: 3 Coal Ave., Morristown, NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.		Date Collected:		
Project:	3 Coal Ave., Morristown, NJ		Date Received:	09/11/25	
Client Sample ID:	PB169589TB		SDG No.:	Q3032	
Lab Sample ID:	PB169589TB		Matrix:	TCLP	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097153.D	1	09/11/25 09:30	09/11/25 18:05	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		30 (57) - 150 (171)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		30 (61) - 150 (148)	88%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097154.D	1	09/11/25 09:30	09/11/25 18:19	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.4		30 (57) - 150 (171)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		30 (61) - 150 (148)	111%	SPK: 20

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Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-05	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097157.D	1	09/11/25 09:30	09/11/25 19:00	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.6		30 (57) - 150 (171)	118%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (61) - 150 (148)	103%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q3032**

Client: **Zuccaro Inc.**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL096921.D	PIBLK-PL096921.D	Decachlorobiphen	1	20	19.1	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.4	87		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.8	94		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.8	89		30 (61)	150 (148)
I.BLK-PL097148.D	PIBLK-PL097148.D	Decachlorobiphen	1	20	21.4	107		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.9	105		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.2	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.8	104		30 (61)	150 (148)
PB169663BL	PB169663BL	Decachlorobiphen	1	20	17.9	90		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.3	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.2	101		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.7	89		30 (61)	150 (148)
PB169663BS	PB169663BS	Decachlorobiphen	1	20	22.5	113		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.5	107		30 (61)	150 (148)
		Decachlorobiphen	2	20	25.3	127		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.3	112		30 (61)	150 (148)
PB169589TB	PB169589TB	Decachlorobiphen	1	20	18.1	91		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.1	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.4	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.7	88		30 (61)	150 (148)
Q3032-02	SOIL-PILE-1	Decachlorobiphen	1	20	21.5	108		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.4	122		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.1	111		30 (61)	150 (148)
Q3032-02MS	SOIL-PILE-1MS	Decachlorobiphen	1	20	21.6	108		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.6	123		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.7	104		30 (61)	150 (148)
Q3032-02MSD	SOIL-PILE-1MSD	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.4	122		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.3	102		30 (61)	150 (148)
Q3032-05	SOIL-PILE-2	Decachlorobiphen	1	20	20.6	103		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.6	118		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.7	103		30 (61)	150 (148)
I.BLK-PL097158.D	PIBLK-PL097158.D	Decachlorobiphen	1	20	20.8	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.2	101		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.9	115		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.8	104		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PL097155.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.40	ug/L	108				30 (60)	150 (152)	
	Heptachlor	5	0	5.50	ug/L	110				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.10	ug/L	102				30 (77)	150 (143)	
	Endrin	5	0	5.40	ug/L	108				30 (76)	150 (144)	
	Methoxychlor	5	0	5.00	ug/L	100				30 (70)	150 (142)	
Lab Sample ID:	Q3032-02MS	Client Sample ID:		SOIL-PILE-1MS								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.90	ug/L	118				30 (60)	150 (152)	
	Heptachlor	5	0	5.60	ug/L	112				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.80	ug/L	116				30 (77)	150 (143)	
	Endrin	5	0	5.80	ug/L	116				30 (76)	150 (144)	
	Methoxychlor	5	0	5.60	ug/L	112				30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PL097156.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-02MSD	Client Sample ID:		SOIL-PILE-1MSD								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.40	ug/L	108		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.00	ug/L	100		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.40	ug/L	108		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	4.90	ug/L	98		2		30 (70)	150 (142)	20 (20)
Lab Sample ID:	Q3032-02MSD	Client Sample ID:		SOIL-PILE-1MSD								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.80	ug/L	116		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.80	ug/L	116		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.70	ug/L	114		2		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.60	ug/L	112		0		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Zuccaro Inc.</u>	Datafile :	<u>PL097152.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169663BS (Column 1)	gamma-BHC (Lindane)	0.5	0.49	ug/L	98				40 (82)	140 (129)	
	Heptachlor	0.5	0.50	ug/L	101				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.46	ug/L	93				40 (81)	140 (124)	
	Endrin	0.5	0.48	ug/L	95				40 (81)	140 (128)	
	Methoxychlor	0.5	0.45	ug/L	90				40 (78)	140 (108)	
PB169663BS (Column 2)	gamma-BHC (Lindane)	0.5	0.54	ug/L	107				40 (82)	140 (129)	
	Heptachlor	0.5	0.51	ug/L	103				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.54	ug/L	107				40 (81)	140 (124)	
	Endrin	0.5	0.51	ug/L	103				40 (81)	140 (128)	
	Methoxychlor	0.5	0.50	ug/L	101				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169663BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169663BL

Lab File ID: PL097151.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/11/2025

Date Analyzed (1): 09/11/2025

Date Analyzed (2): 09/11/2025

Time Analyzed (1): 17:38

Time Analyzed (2): 17:38

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169663BS	PB169663BS	PL097152.D	09/11/2025	09/11/2025
PB169589TB	PB169589TB	PL097153.D	09/11/2025	09/11/2025
SOIL-PILE-1	Q3032-02	PL097154.D	09/11/2025	09/11/2025
SOIL-PILE-1MS	Q3032-02MS	PL097155.D	09/11/2025	09/11/2025
SOIL-PILE-1MSD	Q3032-02MSD	PL097156.D	09/11/2025	09/11/2025
SOIL-PILE-2	Q3032-05	PL097157.D	09/11/2025	09/11/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169663BL	SDG No.:	Q3032
Lab Sample ID:	PB169663BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097151.D	1	09/11/25 09:30	09/11/25 17:38	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		30 (57) - 150 (171)	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.7		30 (61) - 150 (148)	89%	SPK: 20

Comments:

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Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	08/20/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	08/20/25
Client Sample ID:	PIBLK-PL096921.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PL096921.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096921.D	1		08/20/25	PL082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.1		30 (57) - 150 (171)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		30 (61) - 150 (148)	89%	SPK: 20

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Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PIBLK-PL097148.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PL097148.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097148.D	1		09/11/25	pl091325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.2		30 (57) - 150 (171)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		30 (61) - 150 (148)	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/11/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/11/25
Client Sample ID:	PIBLK-PL097158.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PL097158.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097158.D	1		09/11/25	pl091325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		30 (57) - 150 (171)	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		30 (61) - 150 (148)	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169663BS	SDG No.:	Q3032
Lab Sample ID:	PB169663BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097152.D	1	09/11/25 09:30	09/11/25 17:52	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.54		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.51		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.54		0.0096	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.50		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.3		30 (57) - 150 (171)	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		30 (61) - 150 (148)	112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097155.D	1	09/11/25 09:30	09/11/25 18:32	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.90		0.037	0.50	ug/L
76-44-8	Heptachlor	5.60		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.80		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		30 (57) - 150 (171)	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (61) - 150 (148)	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097156.D	1	09/11/25 09:30	09/11/25 18:46	PB169663

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.80		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.70		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.4		30 (57) - 150 (171)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.3		30 (61) - 150 (148)	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

Calibration Times: **15:53** **17:20**

LAB FILE ID:	RT 100 =	<u>PL096924.D</u>	RT 075 =	<u>PL096925.D</u>
	RT 050 =	PL096926.D	RT 025 =	PL096927.D
			RT 005 =	PL096928.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3032</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>08/20/2025</u> <u>08/20/2025</u>
		Calibration Times:	<u>15:53</u> <u>17:20</u>

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 100 = <u>PL096924.D</u>	RT 075 = <u>PL096925.D</u>
RT 050 = <u>PL096926.D</u>	RT 025 = <u>PL096927.D</u>	RT 005 = <u>PL096928.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Endrin	5.71	5.70	5.70	5.70	5.70	5.70	5.60	5.80
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.80	4.80	4.80	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Tetrachloro-m-xylene	2.83	2.83	2.83	2.82	2.82	2.82	2.72	2.92

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/20/2025 08/20/2025
Calibration Times: 15:53 17:20

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: CF 100 = <u>PL096924.D</u>CF 075 = <u>PL096925.D</u> CF 050 = <u>PL096926.D</u>CF 025 = <u>PL096927.D</u>CF 005 = <u>PL096928.D</u>							
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2867670000	2764750000	2907640000	2995290000	3267970000	2960670000	6
Endrin	3938430000	3681570000	3777970000	3663830000	3662700000	3744900000	3
gamma-BHC (Lindane)	5774500000	5387660000	5532650000	5319570000	5294600000	5461790000	4
Heptachlor	5448120000	5156470000	5348530000	5219960000	5488680000	5332350000	3
Heptachlor epoxide	4669160000	4485490000	4761940000	4978030000	6834470000	5145820000	19
Methoxychlor	1765170000	1688730000	1748280000	1750260000	1725040000	1735500000	2
Tetrachloro-m-xylene	4007210000	3793130000	3960120000	3908840000	4049950000	3943850000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/20/2025 08/20/2025
Calibration Times: 15:53 17:20

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL096924.D</u>	CF 075 = <u>PL096925.D</u>				
CF 050 = <u>PL096926.D</u>		CF 025 = <u>PL096927.D</u>	CF 005 = <u>PL096928.D</u>				
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4528550000	4422370000	4675640000	4848010000	5504370000	4795790000	9
Endrin	6022860000	5732510000	5911210000	5843740000	6025650000	5907190000	2
gamma-BHC (Lindane)	7559790000	7206610000	7494820000	7265600000	7305650000	7366490000	2
Heptachlor	7599140000	7263650000	7583050000	7449080000	7726080000	7524200000	2
Heptachlor epoxide	6303510000	6044890000	6335610000	6300380000	6640580000	6325000000	3
Methoxychlor	2939780000	2861730000	3002490000	3058630000	3136260000	2999780000	4
Tetrachloro-m-xylene	5643100000	5386240000	5642430000	5592280000	5919210000	5636650000	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

Instrument ID: ECD_L Date(s) Analyzed: 08/20/2025 08/20/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.68	4.58	4.78	172247000
		2	5.21	5.11	5.31	184024000
		3	5.91	5.81	6.01	649226000
		4	5.99	5.89	6.09	813725000
		5	6.83	6.73	6.93	136205000
Toxaphene	500	1	6.20	6.10	6.30	37327700
		2	6.60	6.50	6.70	29715300
		3	7.02	6.92	7.12	128641000
		4	7.11	7.01	7.21	94198900
		5	7.89	7.79	7.99	67380000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

Instrument ID: ECD_L Date(s) Analyzed: 08/20/2025 08/20/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.83	3.73	3.93	200346000
		2	4.41	4.31	4.51	231569000
		3	5.05	4.95	5.15	646655000
		4	5.11	5.01	5.21	577349000
		5	6.00	5.90	6.10	232439000
Toxaphene	500	1	5.07	4.97	5.17	41427400
		2	5.75	5.65	5.85	46752600
		3	6.03	5.93	6.13	50492500
		4	6.67	6.57	6.77	152307000
		5	7.11	7.01	7.21	95714200

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025 08/20/2025

Continuing Calib Time: 17:24

Initial Calibration Time(s): 15:53 17:20

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
gamma-BHC (Lindane)	4.30	4.31	4.21	4.41	0.01
Heptachlor	4.89	4.90	4.80	5.00	0.01
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025 08/20/2025

Continuing Calib Time: 17:24

Initial Calibration Time(s): 15:53 17:20

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.99	7.89	8.09	0.01
Tetrachloro-m-xylene	2.82	2.83	2.73	2.93	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.79	4.80	4.70	4.90	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Methoxychlor	6.67	6.68	6.58	6.78	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097150.D **Time Analyzed:** 17:24

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.999	8.904	9.104	44.940	50.000	-10.1
Endrin	6.530	6.434	6.634	48.200	50.000	-3.6
gamma-BHC (Lindane)	4.302	4.205	4.405	49.670	50.000	-0.7
Heptachlor	4.892	4.796	4.996	50.160	50.000	0.3
Heptachlor epoxide	5.649	5.554	5.754	46.910	50.000	-6.2
Methoxychlor	7.450	7.354	7.554	46.120	50.000	-7.8
Tetrachloro-m-xylene	3.527	3.430	3.630	48.670	50.000	-2.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097150.D **Time Analyzed:** 17:24

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.983	7.887	8.087	48.950	50.000	-2.1
Endrin	5.702	5.604	5.804	53.190	50.000	6.4
gamma-BHC (Lindane)	3.659	3.562	3.762	52.100	50.000	4.2
Heptachlor	4.007	3.911	4.111	50.010	50.000	0.0
Heptachlor epoxide	4.791	4.695	4.895	50.970	50.000	1.9
Methoxychlor	6.673	6.577	6.777	49.940	50.000	-0.1
Tetrachloro-m-xylene	2.823	2.725	2.925	47.830	50.000	-4.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/11/2025

Initial Calibration Date(s): 08/20/2025

08/20/2025

Continuing Calib Time: 19:27

Initial Calibration Time(s): 15:53

17:20

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
gamma-BHC (Lindane)	4.30	4.31	4.21	4.41	0.01
Heptachlor	4.89	4.90	4.80	5.00	0.01
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>ZUCC01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3032</u>
Continuing Calib Date:	<u>09/11/2025</u>	Initial Calibration Date(s):	<u>08/20/2025</u> <u>08/20/2025</u>
Continuing Calib Time:	<u>19:27</u>	Initial Calibration Time(s):	<u>15:53</u> <u>17:20</u>

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.99	7.89	8.09	0.01
Tetrachloro-m-xylene	2.82	2.83	2.73	2.93	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Heptachlor epoxide	4.79	4.80	4.70	4.90	0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Methoxychlor	6.67	6.68	6.58	6.78	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097159.D **Time Analyzed:** 19:27

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.999	8.904	9.104	44.360	50.000	-11.3
Endrin	6.529	6.434	6.634	47.490	50.000	-5.0
gamma-BHC (Lindane)	4.301	4.205	4.405	49.190	50.000	-1.6
Heptachlor	4.892	4.796	4.996	49.570	50.000	-0.9
Heptachlor epoxide	5.649	5.554	5.754	45.860	50.000	-8.3
Methoxychlor	7.451	7.354	7.554	44.200	50.000	-11.6
Tetrachloro-m-xylene	3.526	3.430	3.630	48.080	50.000	-3.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/20/2025 08/20/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/11/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097159.D **Time Analyzed:** 19:27

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.983	7.887	8.087	49.050	50.000	-1.9
Endrin	5.701	5.604	5.804	52.880	50.000	5.8
gamma-BHC (Lindane)	3.659	3.562	3.762	52.150	50.000	4.3
Heptachlor	4.007	3.911	4.111	50.030	50.000	0.1
Heptachlor epoxide	4.791	4.695	4.895	51.080	50.000	2.2
Methoxychlor	6.673	6.577	6.777	49.750	50.000	-0.5
Tetrachloro-m-xylene	2.823	2.725	2.925	47.800	50.000	-4.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL096922.D Date Analyzed: 08/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.004	8.900	9.100	18.790	20.000	-6.1
Tetrachloro-m-xylene	3.530	3.480	3.580	17.630	20.000	-11.9
alpha-BHC	3.977	3.930	4.030	8.590	10.000	-14.1
beta-BHC	4.491	4.440	4.540	8.850	10.000	-11.5
gamma-BHC (Lindane)	4.305	4.250	4.360	8.700	10.000	-13.0
Endrin	6.535	6.460	6.610	45.060	50.000	-9.9
4,4'-DDT	6.982	6.910	7.050	91.310	100.000	-8.7
Methoxychlor	7.454	7.380	7.520	228.510	250.000	-8.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL096922.D Date Analyzed: 08/20/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.986	7.890	8.090	18.510	20.000	-7.5
Tetrachloro-m-xylene	2.825	2.770	2.880	17.580	20.000	-12.1
alpha-BHC	3.330	3.280	3.380	8.510	10.000	-14.9
beta-BHC	3.958	3.910	4.010	8.900	10.000	-11.0
gamma-BHC (Lindane)	3.662	3.610	3.710	8.130	10.000	-18.7
Endrin	5.704	5.630	5.770	45.190	50.000	-9.6
4,4'-DDT	6.104	6.030	6.170	94.240	100.000	-5.8
Methoxychlor	6.677	6.610	6.750	210.320	250.000	-15.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL097149.D Date Analyzed: 09/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 17:11

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.001	8.900	9.100	18.490	20.000	-7.6
Tetrachloro-m-xylene	3.526	3.480	3.580	18.430	20.000	-7.9
alpha-BHC	3.973	3.920	4.020	9.080	10.000	-9.2
beta-BHC	4.488	4.440	4.540	9.770	10.000	-2.3
gamma-BHC (Lindane)	4.301	4.250	4.350	9.110	10.000	-8.9
Endrin	6.532	6.460	6.600	44.620	50.000	-10.8
4,4'-DDT	6.980	6.910	7.050	84.990	100.000	-15.0
Methoxychlor	7.452	7.380	7.520	210.590	250.000	-15.8

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/20/2025 08/20/2025

Client Sample No. (PEM): PEM - PL097149.D Date Analyzed: 09/11/2025

Lab Sample No.(PEM): PEM Time Analyzed: 17:11

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.983	7.880	8.080	20.380	20.000	1.9
Tetrachloro-m-xylene	2.821	2.770	2.870	18.210	20.000	-9.0
alpha-BHC	3.327	3.280	3.380	8.930	10.000	-10.7
beta-BHC	3.955	3.900	4.010	10.000	10.000	0.0
gamma-BHC (Lindane)	3.659	3.610	3.710	9.550	10.000	-4.5
Endrin	5.702	5.630	5.770	48.370	50.000	-3.3
4,4'-DDT	6.101	6.030	6.170	99.370	100.000	-0.6
Methoxychlor	6.674	6.600	6.740	212.830	250.000	-14.9

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/20/2025 08/20/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/20/2025	15:12	PL096921.D	9.00	3.53
PEM	PEM	08/20/2025	15:25	PL096922.D	9.00	3.53
RESCHK	RESCHK	08/20/2025	15:39	PL096923.D	9.00	3.53
PSTDICCC100	PSTDICCC100	08/20/2025	15:53	PL096924.D	9.00	3.53
PSTDICCC075	PSTDICCC075	08/20/2025	16:06	PL096925.D	9.00	3.53
PSTDICCC050	PSTDICCC050	08/20/2025	16:20	PL096926.D	9.00	3.53
PSTDICCC025	PSTDICCC025	08/20/2025	16:33	PL096927.D	9.00	3.53
PSTDICCC005	PSTDICCC005	08/20/2025	17:20	PL096928.D	9.00	3.53
PCHLORICC500	PCHLORICC500	08/20/2025	18:01	PL096931.D	9.00	3.53
PTOXICC500	PTOXICC500	08/20/2025	19:09	PL096936.D	9.00	3.53
IBLK	IBLK	09/11/2025	16:28	PL097148.D	9.00	3.53
PEM	PEM	09/11/2025	17:11	PL097149.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/11/2025	17:24	PL097150.D	9.00	3.53
PB169663BL	PB169663BL	09/11/2025	17:38	PL097151.D	9.00	3.53
PB169663BS	PB169663BS	09/11/2025	17:52	PL097152.D	9.00	3.53
PB169589TB	PB169589TB	09/11/2025	18:05	PL097153.D	9.00	3.53
SOIL-PILE-1	Q3032-02	09/11/2025	18:19	PL097154.D	9.00	3.53
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	18:32	PL097155.D	9.00	3.53
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	18:46	PL097156.D	9.00	3.53
SOIL-PILE-2	Q3032-05	09/11/2025	19:00	PL097157.D	9.00	3.53
IBLK	IBLK	09/11/2025	19:13	PL097158.D	9.00	3.53
PSTDCCC050	PSTDCCC050	09/11/2025	19:27	PL097159.D	9.00	3.53

Analytical Sequence

Client: Zuccaro Inc.	SDG No.: Q3032
Project: 3 Coal Ave., Morristown, NJ	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 08/20/2025 08/20/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/20/2025	15:12	PL096921.D	7.99	2.83
PEM	PEM	08/20/2025	15:25	PL096922.D	7.99	2.83
RESCHK	RESCHK	08/20/2025	15:39	PL096923.D	7.99	2.83
PSTDICC100	PSTDICC100	08/20/2025	15:53	PL096924.D	7.99	2.83
PSTDICC075	PSTDICC075	08/20/2025	16:06	PL096925.D	7.99	2.83
PSTDICC050	PSTDICC050	08/20/2025	16:20	PL096926.D	7.99	2.83
PSTDICC025	PSTDICC025	08/20/2025	16:33	PL096927.D	7.99	2.82
PSTDICC005	PSTDICC005	08/20/2025	17:20	PL096928.D	7.99	2.82
PCHLORICC500	PCHLORICC500	08/20/2025	18:01	PL096931.D	7.99	2.82
PTOXICC500	PTOXICC500	08/20/2025	19:09	PL096936.D	7.99	2.83
IBLK	IBLK	09/11/2025	16:28	PL097148.D	7.98	2.82
PEM	PEM	09/11/2025	17:11	PL097149.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/11/2025	17:24	PL097150.D	7.98	2.82
PB169663BL	PB169663BL	09/11/2025	17:38	PL097151.D	7.98	2.82
PB169663BS	PB169663BS	09/11/2025	17:52	PL097152.D	7.98	2.82
PB169589TB	PB169589TB	09/11/2025	18:05	PL097153.D	7.98	2.82
SOIL-PILE-1	Q3032-02	09/11/2025	18:19	PL097154.D	7.98	2.82
SOIL-PILE-1MS	Q3032-02MS	09/11/2025	18:32	PL097155.D	7.98	2.82
SOIL-PILE-1MSD	Q3032-02MSD	09/11/2025	18:46	PL097156.D	7.98	2.82
SOIL-PILE-2	Q3032-05	09/11/2025	19:00	PL097157.D	7.98	2.82
IBLK	IBLK	09/11/2025	19:13	PL097158.D	7.98	2.82
PSTDCCC050	PSTDCCC050	09/11/2025	19:27	PL097159.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169663BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169663BS

Date(s) Analyzed: 09/11/2025 09/11/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.45	7.40	7.50	0.45	11.4
	2	6.67	6.62	6.72	0.50	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	0.49	8.9
	2	3.66	3.61	3.71	0.54	
Heptachlor	1	4.89	4.84	4.94	0.50	2.2
	2	4.01	3.96	4.06	0.51	
Heptachlor epoxide	1	5.65	5.60	5.70	0.46	14.2
	2	4.79	4.74	4.84	0.54	
Endrin	1	6.53	6.48	6.58	0.48	7.6
	2	5.70	5.65	5.75	0.51	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MS

Date(s) Analyzed: 09/11/2025 09/11/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.53	6.48	6.58	5.40	7.1
	2	5.70	5.65	5.75	5.80	
Methoxychlor	1	7.45	7.40	7.50	5.00	11.3
	2	6.67	6.62	6.72	5.60	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	5.40	8.8
	2	3.66	3.61	3.71	5.90	
Heptachlor	1	4.89	4.84	4.94	5.50	1.8
	2	4.01	3.96	4.06	5.60	
Heptachlor epoxide	1	5.65	5.60	5.70	5.10	12.8
	2	4.79	4.74	4.84	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-02MSD

Date(s) Analyzed: 09/11/2025 09/11/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.45	7.40	7.50	4.90	13.3
	2	6.67	6.62	6.72	5.60	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	5.40	7.1
	2	3.66	3.61	3.71	5.80	
Heptachlor	1	4.89	4.84	4.94	5.50	0
	2	4.01	3.96	4.06	5.50	
Heptachlor epoxide	1	5.65	5.60	5.70	5.00	14.8
	2	4.79	4.74	4.84	5.80	
Endrin	1	6.53	6.48	6.58	5.40	5.4
	2	5.70	5.65	5.75	5.70	