

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	Mercury	7471B	09/05/25	09/08/25	09/08/25	09/05/25
			Metals ICP-TAL	6010D		09/08/25	09/08/25	
Q3032-02	SOIL-PILE-1	TCLP	TCLP ICP Metals	6010D	09/05/25	09/09/25	09/09/25	09/05/25
			TCLP Mercury	7470A		09/09/25	09/10/25	
Q3032-04	SOIL-PILE-2	SOIL	Mercury	7471B	09/05/25	09/08/25	09/08/25	09/05/25
			Metals ICP-TAL	6010D		09/08/25	09/08/25	
Q3032-05	SOIL-PILE-2	TCLP	TCLP ICP Metals	6010D	09/05/25	09/09/25	09/09/25	09/05/25
			TCLP Mercury	7470A		09/09/25	09/10/25	

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
Client ID : SOIL-PILE-1								
Q3032-01	SOIL-PILE-1	SOIL	Aluminum	6760		0.86	5.10	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Arsenic	4.10		0.19	1.02	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Barium	37.7		0.74	5.10	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Beryllium	0.68		0.025	0.31	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Cadmium	0.89		0.024	0.31	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Calcium	3880		11.3	102	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Chromium	12.9		0.048	0.51	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Cobalt	10.2		0.10	1.53	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Copper	27.7		0.22	1.02	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Iron	23400		4.07	5.10	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Lead	30.5		0.13	0.61	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Magnesium	2930		12.2	102	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Manganese	249		0.14	1.02	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Mercury	0.034		0.0080	0.015	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Nickel	16.0		0.13	2.04	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Potassium	913		28.2	102	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Silver	0.40	J	0.12	0.51	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Sodium	1040		18.2	102	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Vanadium	25.7		0.26	2.04	mg/Kg
Q3032-01	SOIL-PILE-1	SOIL	Zinc	61.8		0.24	2.04	mg/Kg
Client ID : SOIL-PILE-2								
Q3032-04	SOIL-PILE-2	SOIL	Aluminum	7000		0.87	5.18	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Arsenic	4.40		0.20	1.04	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Barium	37.5		0.76	5.18	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Beryllium	0.59		0.026	0.31	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Cadmium	0.62		0.025	0.31	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Calcium	2570		11.5	104	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Chromium	12.8		0.049	0.52	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Cobalt	7.81		0.10	1.55	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Copper	20.8		0.23	1.04	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Iron	16700		4.13	5.18	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Lead	64.6		0.14	0.62	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Magnesium	2120		12.4	104	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Manganese	211		0.14	1.04	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Mercury	0.18		0.0090	0.016	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Nickel	12.8		0.14	2.07	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Potassium	552		28.7	104	mg/Kg

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
Q3032-04	SOIL-PILE-2	SOIL	Silver	0.47	J	0.12	0.52	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Sodium	383		18.4	104	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Vanadium	24.3		0.26	2.07	mg/Kg
Q3032-04	SOIL-PILE-2	SOIL	Zinc	72.2		0.24	2.07	mg/Kg



SAMPLE DATA

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:	Q3032-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6760		1	0.86	5.10	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.55	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-38-2	Arsenic	4.10	N	1	0.19	1.02	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-39-3	Barium	37.7	N	1	0.74	5.10	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-41-7	Beryllium	0.68	N	1	0.025	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-43-9	Cadmium	0.89		1	0.024	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-70-2	Calcium	3880		1	11.3	102	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-47-3	Chromium	12.9		1	0.048	0.51	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-48-4	Cobalt	10.2		1	0.10	1.53	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-50-8	Copper	27.7		1	0.22	1.02	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7439-89-6	Iron	23400		1	4.07	5.10	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7439-92-1	Lead	30.5	N	1	0.13	0.61	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7439-95-4	Magnesium	2930		1	12.2	102	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7439-96-5	Manganese	249	*	1	0.14	1.02	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7439-97-6	Mercury	0.034		1	0.0080	0.015	mg/Kg	09/08/25 09:25	09/08/25 15:32	7471B	
7440-02-0	Nickel	16.0		1	0.13	2.04	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-09-7	Potassium	913		1	28.2	102	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7782-49-2	Selenium	0.27	UN	1	0.27	1.02	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-22-4	Silver	0.40	J	1	0.12	0.51	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-23-5	Sodium	1040	N	1	18.2	102	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.04	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-62-2	Vanadium	25.7		1	0.26	2.04	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050
7440-66-6	Zinc	61.8		1	0.24	2.04	mg/Kg	09/08/25 10:20	09/08/25 15:32	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

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:	Q3032-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7000		1	0.87	5.18	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.59	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-38-2	Arsenic	4.40	N	1	0.20	1.04	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-39-3	Barium	37.5	N	1	0.76	5.18	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-41-7	Beryllium	0.59	N	1	0.026	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-43-9	Cadmium	0.62		1	0.025	0.31	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-70-2	Calcium	2570		1	11.5	104	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-47-3	Chromium	12.8		1	0.049	0.52	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-48-4	Cobalt	7.81		1	0.10	1.55	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-50-8	Copper	20.8		1	0.23	1.04	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7439-89-6	Iron	16700		1	4.13	5.18	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7439-92-1	Lead	64.6	N	1	0.14	0.62	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7439-95-4	Magnesium	2120		1	12.4	104	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7439-96-5	Manganese	211	*	1	0.14	1.04	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7439-97-6	Mercury	0.18		1	0.0090	0.016	mg/Kg	09/08/25 09:25	09/08/25 15:35	7471B	
7440-02-0	Nickel	12.8		1	0.14	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-09-7	Potassium	552		1	28.7	104	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7782-49-2	Selenium	0.27	UN	1	0.27	1.04	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-22-4	Silver	0.47	J	1	0.12	0.52	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-23-5	Sodium	383	N	1	18.4	104	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-62-2	Vanadium	24.3		1	0.26	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050
7440-66-6	Zinc	72.2		1	0.24	2.07	mg/Kg	09/08/25 10:20	09/08/25 15:36	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	TCL+30/TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV22	Mercury	4.14	4.0	104	90 - 110	CV	09/08/2025	14:34	LB137106

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV63	Mercury	5.12	5.0	102	90 - 110	CV	09/08/2025	14:38	LB137106
CCV64	Mercury	5.07	5.0	101	90 - 110	CV	09/08/2025	15:12	LB137106
CCV65	Mercury	4.98	5.0	100	90 - 110	CV	09/08/2025	15:39	LB137106
CCV66	Mercury	4.79	5.0	96	90 - 110	CV	09/08/2025	15:56	LB137106

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7750	8000	97	90 - 110	P	09/08/2025	12:08	LB137113
	Antimony	4000	4000	100	90 - 110	P	09/08/2025	12:08	LB137113
	Arsenic	3910	4000	98	90 - 110	P	09/08/2025	12:08	LB137113
	Barium	7740	8000	97	90 - 110	P	09/08/2025	12:08	LB137113
	Beryllium	195	200	98	90 - 110	P	09/08/2025	12:08	LB137113
	Cadmium	1920	2000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Calcium	19200	20000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Chromium	794	800	99	90 - 110	P	09/08/2025	12:08	LB137113
	Cobalt	1930	2000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Copper	991	1000	99	90 - 110	P	09/08/2025	12:08	LB137113
	Iron	3920	4000	98	90 - 110	P	09/08/2025	12:08	LB137113
	Lead	3770	4000	94	90 - 110	P	09/08/2025	12:08	LB137113
	Magnesium	19300	20000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Manganese	1920	2000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Nickel	1930	2000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Potassium	19200	20000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Selenium	3960	4000	99	90 - 110	P	09/08/2025	12:08	LB137113
	Silver	971	1000	97	90 - 110	P	09/08/2025	12:08	LB137113
	Sodium	19300	20000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Thallium	3880	4000	97	90 - 110	P	09/08/2025	12:08	LB137113
	Vanadium	1930	2000	96	90 - 110	P	09/08/2025	12:08	LB137113
	Zinc	1970	2000	98	90 - 110	P	09/08/2025	12:08	LB137113

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	106	100	106	80 - 120	P	09/08/2025	12:14	LB137113
	Antimony	50.7	50.0	102	80 - 120	P	09/08/2025	12:14	LB137113
	Arsenic	21.9	20.0	110	80 - 120	P	09/08/2025	12:14	LB137113
	Barium	98.2	100	98	80 - 120	P	09/08/2025	12:14	LB137113
	Beryllium	6.32	6.0	105	80 - 120	P	09/08/2025	12:14	LB137113
	Cadmium	5.91	6.0	98	80 - 120	P	09/08/2025	12:14	LB137113
	Calcium	2110	2000	105	80 - 120	P	09/08/2025	12:14	LB137113
	Chromium	10.1	10.0	101	80 - 120	P	09/08/2025	12:14	LB137113
	Cobalt	30.1	30.0	100	80 - 120	P	09/08/2025	12:14	LB137113
	Copper	22.0	20.0	110	80 - 120	P	09/08/2025	12:14	LB137113
	Iron	109	100	109	80 - 120	P	09/08/2025	12:14	LB137113
	Lead	12.9	12.0	108	80 - 120	P	09/08/2025	12:14	LB137113
	Magnesium	2180	2000	109	80 - 120	P	09/08/2025	12:14	LB137113
	Manganese	22.4	20.0	112	80 - 120	P	09/08/2025	12:14	LB137113
	Nickel	39.9	40.0	100	80 - 120	P	09/08/2025	12:14	LB137113
	Potassium	1990	2000	100	80 - 120	P	09/08/2025	12:14	LB137113
	Selenium	19.6	20.0	98	80 - 120	P	09/08/2025	12:14	LB137113
	Silver	10.5	10.0	105	80 - 120	P	09/08/2025	12:14	LB137113
	Sodium	1970	2000	98	80 - 120	P	09/08/2025	12:14	LB137113
	Thallium	41.9	40.0	105	80 - 120	P	09/08/2025	12:14	LB137113
	Vanadium	41.3	40.0	103	80 - 120	P	09/08/2025	12:14	LB137113
	Zinc	42.5	40.0	106	80 - 120	P	09/08/2025	12:14	LB137113

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	09/08/2025	12:43	LB137113
	Antimony	5010	5000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Arsenic	5010	5000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Barium	10100	10000	101	90 - 110	P	09/08/2025	12:43	LB137113
	Beryllium	248	250	99	90 - 110	P	09/08/2025	12:43	LB137113
	Cadmium	2490	2500	99	90 - 110	P	09/08/2025	12:43	LB137113
	Calcium	25000	25000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Chromium	1010	1000	101	90 - 110	P	09/08/2025	12:43	LB137113
	Cobalt	2490	2500	99	90 - 110	P	09/08/2025	12:43	LB137113
	Copper	1250	1250	100	90 - 110	P	09/08/2025	12:43	LB137113
	Iron	5050	5000	101	90 - 110	P	09/08/2025	12:43	LB137113
	Lead	4920	5000	98	90 - 110	P	09/08/2025	12:43	LB137113
	Magnesium	25000	25000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Manganese	2500	2500	100	90 - 110	P	09/08/2025	12:43	LB137113
	Nickel	2480	2500	99	90 - 110	P	09/08/2025	12:43	LB137113
	Potassium	25000	25000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Selenium	5020	5000	100	90 - 110	P	09/08/2025	12:43	LB137113
	Silver	1240	1250	100	90 - 110	P	09/08/2025	12:43	LB137113
	Sodium	25500	25000	102	90 - 110	P	09/08/2025	12:43	LB137113
	Thallium	4890	5000	98	90 - 110	P	09/08/2025	12:43	LB137113
	Vanadium	2510	2500	100	90 - 110	P	09/08/2025	12:43	LB137113
	Zinc	2530	2500	101	90 - 110	P	09/08/2025	12:43	LB137113
CCV02	Aluminum	9940	10000	99	90 - 110	P	09/08/2025	13:36	LB137113
	Antimony	5000	5000	100	90 - 110	P	09/08/2025	13:36	LB137113
	Arsenic	5000	5000	100	90 - 110	P	09/08/2025	13:36	LB137113
	Barium	10000	10000	100	90 - 110	P	09/08/2025	13:36	LB137113
	Beryllium	243	250	97	90 - 110	P	09/08/2025	13:36	LB137113
	Cadmium	2470	2500	99	90 - 110	P	09/08/2025	13:36	LB137113
	Calcium	24700	25000	99	90 - 110	P	09/08/2025	13:36	LB137113
	Chromium	993	1000	99	90 - 110	P	09/08/2025	13:36	LB137113
	Cobalt	2470	2500	99	90 - 110	P	09/08/2025	13:36	LB137113
	Copper	1250	1250	100	90 - 110	P	09/08/2025	13:36	LB137113
	Iron	5060	5000	101	90 - 110	P	09/08/2025	13:36	LB137113
	Lead	4890	5000	98	90 - 110	P	09/08/2025	13:36	LB137113

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24600	25000	98	90 - 110	P	09/08/2025	13:36	LB137113
	Manganese	2470	2500	99	90 - 110	P	09/08/2025	13:36	LB137113
	Nickel	2460	2500	99	90 - 110	P	09/08/2025	13:36	LB137113
	Potassium	25300	25000	101	90 - 110	P	09/08/2025	13:36	LB137113
	Selenium	5040	5000	101	90 - 110	P	09/08/2025	13:36	LB137113
	Silver	1230	1250	99	90 - 110	P	09/08/2025	13:36	LB137113
	Sodium	25500	25000	102	90 - 110	P	09/08/2025	13:36	LB137113
	Thallium	4970	5000	100	90 - 110	P	09/08/2025	13:36	LB137113
	Vanadium	2490	2500	99	90 - 110	P	09/08/2025	13:36	LB137113
	Zinc	2500	2500	100	90 - 110	P	09/08/2025	13:36	LB137113
CCV03	Aluminum	9830	10000	98	90 - 110	P	09/08/2025	14:42	LB137113
	Antimony	4980	5000	100	90 - 110	P	09/08/2025	14:42	LB137113
	Arsenic	4970	5000	100	90 - 110	P	09/08/2025	14:42	LB137113
	Barium	9920	10000	99	90 - 110	P	09/08/2025	14:42	LB137113
	Beryllium	239	250	96	90 - 110	P	09/08/2025	14:42	LB137113
	Cadmium	2440	2500	98	90 - 110	P	09/08/2025	14:42	LB137113
	Calcium	24200	25000	97	90 - 110	P	09/08/2025	14:42	LB137113
	Chromium	970	1000	97	90 - 110	P	09/08/2025	14:42	LB137113
	Cobalt	2450	2500	98	90 - 110	P	09/08/2025	14:42	LB137113
	Copper	1240	1250	99	90 - 110	P	09/08/2025	14:42	LB137113
	Iron	4950	5000	99	90 - 110	P	09/08/2025	14:42	LB137113
	Lead	4830	5000	96	90 - 110	P	09/08/2025	14:42	LB137113
	Magnesium	24000	25000	96	90 - 110	P	09/08/2025	14:42	LB137113
	Manganese	2430	2500	97	90 - 110	P	09/08/2025	14:42	LB137113
	Nickel	2430	2500	97	90 - 110	P	09/08/2025	14:42	LB137113
	Potassium	25200	25000	101	90 - 110	P	09/08/2025	14:42	LB137113
	Selenium	5070	5000	101	90 - 110	P	09/08/2025	14:42	LB137113
	Silver	1220	1250	97	90 - 110	P	09/08/2025	14:42	LB137113
	Sodium	25300	25000	101	90 - 110	P	09/08/2025	14:42	LB137113
	Thallium	5500	5000	110	90 - 110	P	09/08/2025	14:42	LB137113
	Vanadium	2450	2500	98	90 - 110	P	09/08/2025	14:42	LB137113
	Zinc	2470	2500	99	90 - 110	P	09/08/2025	14:42	LB137113
CCV04	Aluminum	9950	10000	100	90 - 110	P	09/08/2025	15:44	LB137113
	Antimony	5000	5000	100	90 - 110	P	09/08/2025	15:44	LB137113

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5040	5000	101	90 - 110	P	09/08/2025	15:44	LB137113
	Barium	9840	10000	98	90 - 110	P	09/08/2025	15:44	LB137113
	Beryllium	243	250	97	90 - 110	P	09/08/2025	15:44	LB137113
	Cadmium	2490	2500	99	90 - 110	P	09/08/2025	15:44	LB137113
	Calcium	24400	25000	98	90 - 110	P	09/08/2025	15:44	LB137113
	Chromium	993	1000	99	90 - 110	P	09/08/2025	15:44	LB137113
	Cobalt	2480	2500	99	90 - 110	P	09/08/2025	15:44	LB137113
	Copper	1260	1250	100	90 - 110	P	09/08/2025	15:44	LB137113
	Iron	4990	5000	100	90 - 110	P	09/08/2025	15:44	LB137113
	Lead	4890	5000	98	90 - 110	P	09/08/2025	15:44	LB137113
	Magnesium	24400	25000	98	90 - 110	P	09/08/2025	15:44	LB137113
	Manganese	2430	2500	97	90 - 110	P	09/08/2025	15:44	LB137113
	Nickel	2460	2500	98	90 - 110	P	09/08/2025	15:44	LB137113
	Potassium	24700	25000	99	90 - 110	P	09/08/2025	15:44	LB137113
	Selenium	5100	5000	102	90 - 110	P	09/08/2025	15:44	LB137113
	Silver	1230	1250	98	90 - 110	P	09/08/2025	15:44	LB137113
	Sodium	24700	25000	99	90 - 110	P	09/08/2025	15:44	LB137113
	Thallium	4520	5000	90	90 - 110	P	09/08/2025	15:44	LB137113
	Vanadium	2470	2500	99	90 - 110	P	09/08/2025	15:44	LB137113
	Zinc	2500	2500	100	90 - 110	P	09/08/2025	15:44	LB137113
CCV05	Aluminum	9870	10000	99	90 - 110	P	09/08/2025	16:13	LB137113
	Antimony	4950	5000	99	90 - 110	P	09/08/2025	16:13	LB137113
	Arsenic	4950	5000	99	90 - 110	P	09/08/2025	16:13	LB137113
	Barium	9640	10000	96	90 - 110	P	09/08/2025	16:13	LB137113
	Beryllium	241	250	96	90 - 110	P	09/08/2025	16:13	LB137113
	Cadmium	2450	2500	98	90 - 110	P	09/08/2025	16:13	LB137113
	Calcium	24200	25000	97	90 - 110	P	09/08/2025	16:13	LB137113
	Chromium	983	1000	98	90 - 110	P	09/08/2025	16:13	LB137113
	Cobalt	2450	2500	98	90 - 110	P	09/08/2025	16:13	LB137113
	Copper	1240	1250	99	90 - 110	P	09/08/2025	16:13	LB137113
	Iron	4950	5000	99	90 - 110	P	09/08/2025	16:13	LB137113
	Lead	4820	5000	96	90 - 110	P	09/08/2025	16:13	LB137113
	Magnesium	24200	25000	97	90 - 110	P	09/08/2025	16:13	LB137113
	Manganese	2410	2500	96	90 - 110	P	09/08/2025	16:13	LB137113

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2430	2500	97	90 - 110	P	09/08/2025	16:13	LB137113
	Potassium	24400	25000	98	90 - 110	P	09/08/2025	16:13	LB137113
	Selenium	5030	5000	101	90 - 110	P	09/08/2025	16:13	LB137113
	Silver	1220	1250	98	90 - 110	P	09/08/2025	16:13	LB137113
	Sodium	24500	25000	98	90 - 110	P	09/08/2025	16:13	LB137113
	Thallium	4580	5000	92	90 - 110	P	09/08/2025	16:13	LB137113
	Vanadium	2450	2500	98	90 - 110	P	09/08/2025	16:13	LB137113
	Zinc	2490	2500	99	90 - 110	P	09/08/2025	16:13	LB137113

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	105	100	105	65 - 135	P	09/08/2025	12:22	LB137113
	Antimony	47.9	50.0	96	65 - 135	P	09/08/2025	12:22	LB137113
	Arsenic	21.0	20.0	105	65 - 135	P	09/08/2025	12:22	LB137113
	Barium	100	100	100	65 - 135	P	09/08/2025	12:22	LB137113
	Beryllium	6.37	6.0	106	65 - 135	P	09/08/2025	12:22	LB137113
	Cadmium	5.92	6.0	99	65 - 135	P	09/08/2025	12:22	LB137113
	Calcium	2090	2000	104	65 - 135	P	09/08/2025	12:22	LB137113
	Chromium	10.3	10.0	103	65 - 135	P	09/08/2025	12:22	LB137113
	Cobalt	29.8	30.0	99	65 - 135	P	09/08/2025	12:22	LB137113
	Copper	22.0	20.0	110	65 - 135	P	09/08/2025	12:22	LB137113
	Iron	106	100	106	65 - 135	P	09/08/2025	12:22	LB137113
	Lead	11.7	12.0	98	65 - 135	P	09/08/2025	12:22	LB137113
	Magnesium	2170	2000	108	65 - 135	P	09/08/2025	12:22	LB137113
	Manganese	22.5	20.0	113	65 - 135	P	09/08/2025	12:22	LB137113
	Nickel	39.6	40.0	99	65 - 135	P	09/08/2025	12:22	LB137113
	Potassium	1930	2000	97	65 - 135	P	09/08/2025	12:22	LB137113
	Selenium	19.7	20.0	99	65 - 135	P	09/08/2025	12:22	LB137113
	Silver	10.1	10.0	101	65 - 135	P	09/08/2025	12:22	LB137113
	Sodium	1980	2000	99	65 - 135	P	09/08/2025	12:22	LB137113
	Thallium	38.7	40.0	97	65 - 135	P	09/08/2025	12:22	LB137113
	Vanadium	41.8	40.0	104	65 - 135	P	09/08/2025	12:22	LB137113
	Zinc	42.4	40.0	106	65 - 135	P	09/08/2025	12:22	LB137113
CRA	Mercury	0.16	0.2	81	70 - 130	CV	09/08/2025	14:46	LB137106



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB22	Mercury	0.076	+/-0.2	U	0.20	CV	09/08/2025	14:36	LB137106

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB63	Mercury	0.076	+/-0.2	U	0.20	CV	09/08/2025	14:43	LB137106
CCB64	Mercury	0.076	+/-0.2	U	0.20	CV	09/08/2025	15:14	LB137106
CCB65	Mercury	0.076	+/-0.2	U	0.20	CV	09/08/2025	15:41	LB137106
CCB66	Mercury	0.076	+/-0.2	U	0.20	CV	09/08/2025	15:58	LB137106

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	09/08/2025	12:18	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	12:18	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	12:18	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	12:18	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	12:18	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	12:18	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	12:18	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	12:18	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	12:18	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	12:18	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	12:18	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	12:18	LB137113
	Magnesium	244	+/-1000	U	2000	P	09/08/2025	12:18	LB137113
	Manganese	5.94	+/-10	U	20.0	P	09/08/2025	12:18	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	12:18	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	12:18	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	12:18	LB137113
	Silver	1.62	+/-5	U	10.0	P	09/08/2025	12:18	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	12:18	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	12:18	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	12:18	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	12:18	LB137113

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	09/08/2025	12:47	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	12:47	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	12:47	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	12:47	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	12:47	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	12:47	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	12:47	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	12:47	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	12:47	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	12:47	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	12:47	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	12:47	LB137113
	Magnesium	244	+/-1000	U	2000	P	09/08/2025	12:47	LB137113
	Manganese	6.65	+/-10	J	20.0	P	09/08/2025	12:47	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	12:47	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	12:47	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	12:47	LB137113
	Silver	1.62	+/-5	U	10.0	P	09/08/2025	12:47	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	12:47	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	12:47	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	12:47	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	12:47	LB137113
CCB02	Aluminum	11.3	+/-50	U	100	P	09/08/2025	13:40	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	13:40	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	13:40	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	13:40	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	13:40	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	13:40	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	13:40	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	13:40	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	13:40	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	13:40	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	13:40	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	13:40	LB137113
	Magnesium	244	+/-1000	U	2000	P	09/08/2025	13:40	LB137113
	Manganese	5.94	+/-10	U	20.0	P	09/08/2025	13:40	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	13:40	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	13:40	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	13:40	LB137113

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc. **SDG No.:** Q3032
Contract: ZUCC01 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	09/08/2025	13:40	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	13:40	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	13:40	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	13:40	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	13:40	LB137113
CCB03	Aluminum	11.3	+/-50	U	100	P	09/08/2025	14:54	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	14:54	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	14:54	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	14:54	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	14:54	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	14:54	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	14:54	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	14:54	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	14:54	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	14:54	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	14:54	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	14:54	LB137113
	Magnesium	244	+/-1000	U	2000	P	09/08/2025	14:54	LB137113
	Manganese	5.94	+/-10	U	20.0	P	09/08/2025	14:54	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	14:54	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	14:54	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	14:54	LB137113
	Silver	1.62	+/-5	U	10.0	P	09/08/2025	14:54	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	14:54	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	14:54	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	14:54	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	14:54	LB137113
CCB04	Aluminum	11.3	+/-50	U	100	P	09/08/2025	15:52	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	15:52	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	15:52	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	15:52	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	15:52	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	15:52	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	15:52	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	15:52	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	15:52	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	15:52	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	15:52	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	15:52	LB137113

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	09/08/2025	15:52	LB137113
	Manganese	5.94	+/-10	U	20.0	P	09/08/2025	15:52	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	15:52	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	15:52	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	15:52	LB137113
	Silver	1.62	+/-5	U	10.0	P	09/08/2025	15:52	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	15:52	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	15:52	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	15:52	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	15:52	LB137113
CCB05	Aluminum	11.3	+/-50	U	100	P	09/08/2025	16:17	LB137113
	Antimony	6.76	+/-25	U	50.0	P	09/08/2025	16:17	LB137113
	Arsenic	5.12	+/-10	U	20.0	P	09/08/2025	16:17	LB137113
	Barium	14.6	+/-50	U	100	P	09/08/2025	16:17	LB137113
	Beryllium	0.56	+/-3	U	6.00	P	09/08/2025	16:17	LB137113
	Cadmium	0.50	+/-3	U	6.00	P	09/08/2025	16:17	LB137113
	Calcium	234	+/-1000	U	2000	P	09/08/2025	16:17	LB137113
	Chromium	2.12	+/-5	U	10.0	P	09/08/2025	16:17	LB137113
	Cobalt	2.26	+/-15	U	30.0	P	09/08/2025	16:17	LB137113
	Copper	4.60	+/-10	U	20.0	P	09/08/2025	16:17	LB137113
	Iron	23.4	+/-50	U	100	P	09/08/2025	16:17	LB137113
	Lead	2.30	+/-6	U	12.0	P	09/08/2025	16:17	LB137113
	Magnesium	244	+/-1000	U	2000	P	09/08/2025	16:17	LB137113
	Manganese	5.94	+/-10	U	20.0	P	09/08/2025	16:17	LB137113
	Nickel	3.06	+/-20	U	40.0	P	09/08/2025	16:17	LB137113
	Potassium	918	+/-1000	U	2000	P	09/08/2025	16:17	LB137113
	Selenium	9.64	+/-10	U	20.0	P	09/08/2025	16:17	LB137113
	Silver	1.62	+/-5	U	10.0	P	09/08/2025	16:17	LB137113
	Sodium	868	+/-1000	U	2000	P	09/08/2025	16:17	LB137113
	Thallium	4.38	+/-20	U	40.0	P	09/08/2025	16:17	LB137113
	Vanadium	6.26	+/-20	U	40.0	P	09/08/2025	16:17	LB137113
	Zinc	16.7	+/-20	U	40.0	P	09/08/2025	16:17	LB137113

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169605BL		SOLID		Batch Number:	PB169605		Prep Date:	09/08/2025	
	Mercury	0.0070	<0.012	U	0.012	CV	09/08/2025	14:55	LB137106

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169595BL	SOLID			Batch Number:	PB169595		Prep Date:	09/08/2025	
	Aluminum	0.84	<2.5	U	5.00	P	09/08/2025	15:19	LB137113
	Antimony	0.22	<1.25	U	2.50	P	09/08/2025	15:19	LB137113
	Arsenic	0.19	<0.5	U	1.00	P	09/08/2025	15:19	LB137113
	Barium	0.73	<2.5	U	5.00	P	09/08/2025	15:19	LB137113
	Beryllium	0.025	<0.15	U	0.30	P	09/08/2025	15:19	LB137113
	Cadmium	0.024	<0.15	U	0.30	P	09/08/2025	15:19	LB137113
	Calcium	11.1	<50	U	100	P	09/08/2025	15:19	LB137113
	Chromium	0.047	<0.25	U	0.50	P	09/08/2025	15:19	LB137113
	Cobalt	0.10	<0.75	U	1.50	P	09/08/2025	15:19	LB137113
	Copper	0.22	<0.5	U	1.00	P	09/08/2025	15:19	LB137113
	Iron	3.99	<2.5	U	5.00	P	09/08/2025	15:19	LB137113
	Lead	0.13	<0.3	U	0.60	P	09/08/2025	15:19	LB137113
	Magnesium	12.0	<50	U	100	P	09/08/2025	15:19	LB137113
	Manganese	0.14	<0.5	U	1.00	P	09/08/2025	15:19	LB137113
	Nickel	0.13	<1	U	2.00	P	09/08/2025	15:19	LB137113
	Potassium	31.6	<50	J	100	P	09/08/2025	15:19	LB137113
	Selenium	0.26	<0.5	U	1.00	P	09/08/2025	15:19	LB137113
	Silver	0.12	<0.25	U	0.50	P	09/08/2025	15:19	LB137113
	Sodium	20.9	<50	J	100	P	09/08/2025	15:19	LB137113
	Thallium	0.23	<1	U	2.00	P	09/08/2025	15:19	LB137113
	Vanadium	0.25	<1	U	2.00	P	09/08/2025	15:19	LB137113
	Zinc	0.23	<1	U	2.00	P	09/08/2025	15:19	LB137113

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Zuccaro Inc.</u>	SDG No.: <u>Q3032</u>
Contract: <u>ZUCC01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	271000	255000	106	216000	294000	09/08/2025	12:27	LB137113
	Antimony	-0.56			-50	50	09/08/2025	12:27	LB137113
	Arsenic	4.76			-20	20	09/08/2025	12:27	LB137113
	Barium	1.03	6.0	17	-94	106	09/08/2025	12:27	LB137113
	Beryllium	1.57			-6	6	09/08/2025	12:27	LB137113
	Cadmium	1.53	1.0	153	-5	7	09/08/2025	12:27	LB137113
	Calcium	256000	245000	104	208000	282000	09/08/2025	12:27	LB137113
	Chromium	57.7	52.0	111	42	62	09/08/2025	12:27	LB137113
	Cobalt	2.10			-30	30	09/08/2025	12:27	LB137113
	Copper	-4.30	2.0	215	-18	22	09/08/2025	12:27	LB137113
	Iron	109000	101000	108	85600	116500	09/08/2025	12:27	LB137113
	Lead	3.33			-12	12	09/08/2025	12:27	LB137113
	Magnesium	271000	255000	106	216000	294000	09/08/2025	12:27	LB137113
	Manganese	0.25	7.0	4	-13	27	09/08/2025	12:27	LB137113
	Nickel	8.14	2.0	407	-38	42	09/08/2025	12:27	LB137113
	Potassium	315			0	0	09/08/2025	12:27	LB137113
	Selenium	7.91			-20	20	09/08/2025	12:27	LB137113
	Silver	2.40			-10	10	09/08/2025	12:27	LB137113
	Sodium	235			0	0	09/08/2025	12:27	LB137113
	Thallium	29.5			-40	40	09/08/2025	12:27	LB137113
	Vanadium	4.42			-40	40	09/08/2025	12:27	LB137113
	Zinc	4.18			-40	40	09/08/2025	12:27	LB137113
ICSAB01	Aluminum	250000	247000	101	209000	285000	09/08/2025	12:31	LB137113
	Antimony	603	618	98	525	711	09/08/2025	12:31	LB137113
	Arsenic	110	104	106	88.4	120	09/08/2025	12:31	LB137113
	Barium	488	537	91	437	637	09/08/2025	12:31	LB137113
	Beryllium	484	495	98	420	570	09/08/2025	12:31	LB137113
	Cadmium	986	972	101	826	1120	09/08/2025	12:31	LB137113
	Calcium	236000	235000	100	199000	271000	09/08/2025	12:31	LB137113
	Chromium	586	542	108	460	624	09/08/2025	12:31	LB137113
	Cobalt	495	476	104	404	548	09/08/2025	12:31	LB137113
	Copper	483	511	94	434	588	09/08/2025	12:31	LB137113
	Iron	101000	99300	102	84400	114500	09/08/2025	12:31	LB137113
	Lead	50.4	49.0	103	37	61	09/08/2025	12:31	LB137113
	Magnesium	250000	248000	101	210000	286000	09/08/2025	12:31	LB137113
	Manganese	481	507	95	430	584	09/08/2025	12:31	LB137113
	Nickel	986	954	103	810	1100	09/08/2025	12:31	LB137113
	Potassium	46.1			0	0	09/08/2025	12:31	LB137113
	Selenium	54.8	46.0	119	26	66	09/08/2025	12:31	LB137113
	Silver	213	201	106	170	232	09/08/2025	12:31	LB137113
	Sodium	299			0	0	09/08/2025	12:31	LB137113
	Thallium	109	108	101	68	148	09/08/2025	12:31	LB137113

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Zuccaro Inc.</u>	SDG No.: <u>Q3032</u>
Contract: <u>ZUCC01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	480	491	98	417	565	09/08/2025	12:31	LB137113
	Zinc	1060	952	111	809	1095	09/08/2025	12:31	LB137113



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Zuccaro Inc. level: low sdg no.: Q3032
contract: ZUCC01 lab code: ACE
matrix: Solid sample id: Q3009-01 client id: TR-04-090325MS
Percent Solids for Sample: 96.8 Spiked ID: Q3009-01MS Percent Solids for Spike Sample: 96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.013	U	0.27	81		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Zuccaro Inc.</u>	level:	<u>low</u>	sdg no.:	<u>Q3032</u>
contract:	<u>ZUCC01</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q3009-01</u>	client id:	<u>TR-04-090325MSD</u>
Percent Solids for Sample:	96.8	Spiked ID:	Q3009-01MSD	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.23		0.013	U	0.27	84		CV

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Zuccaro Inc. **level:** low **sdg no.:** Q3032
contract: ZUCC01 **lab code:** ACE
matrix: Solid **sample id:** Q3032-04 **client id:** SOIL-PILE-2MS

Percent Solids for Sample: 83.2 **Spiked ID:** Q3032-04MS **Percent Solids for Spike Sample:** 83.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7480		7000		100	475		P
Antimony	mg/Kg	75 - 125	14.3		2.59	U	40.7	35	N	P
Arsenic	mg/Kg	75 - 125	34.6		4.40		40.7	74	N	P
Barium	mg/Kg	75 - 125	54.6		37.5		10.2	168	N	P
Beryllium	mg/Kg	75 - 125	7.65		0.59		10.2	69	N	P
Cadmium	mg/Kg	75 - 125	10.4		0.62		10.2	96		P
Calcium	mg/Kg	75 - 125	2610		2570		50.9	87		P
Chromium	mg/Kg	75 - 125	28.4		12.8		20.4	77		P
Cobalt	mg/Kg	75 - 125	18.3		7.81		10.2	103		P
Copper	mg/Kg	75 - 125	38.7		20.8		15.3	117		P
Iron	mg/Kg	75 - 125	15700		16700		150	-662		P
Lead	mg/Kg	75 - 125	135		64.6		50.9	138	N	P
Magnesium	mg/Kg	75 - 125	2480		2120		100	362		P
Manganese	mg/Kg	75 - 125	177		211		10.2	-336		P
Nickel	mg/Kg	75 - 125	37.6		12.8		25.5	97		P
Potassium	mg/Kg	75 - 125	1000		552		510	88		P
Selenium	mg/Kg	75 - 125	71.8		1.04	U	100	72	N	P
Silver	mg/Kg	75 - 125	3.38		0.47	J	3.8	77		P
Sodium	mg/Kg	75 - 125	642		383		150	173	N	P
Thallium	mg/Kg	75 - 125	83.8		2.07	U	100	84		P
Vanadium	mg/Kg	75 - 125	37.8		24.3		15.3	88		P
Zinc	mg/Kg	75 - 125	108		72.2		10.2	352		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Zuccaro Inc.</u>	level: <u>low</u>	sdg no.: <u>Q3032</u>
contract: <u>ZUCC01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3032-04</u>	client id: <u>SOIL-PILE-2MSD</u>
Percent Solids for Sample: 83.2	Spiked ID: Q3032-04MSD	Percent Solids for Spike Sample: 83.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7930		7000		110	840		P
Antimony	mg/Kg	75 - 125	13.7		2.59	U	42.4	32	N	P
Arsenic	mg/Kg	75 - 125	35.5		4.40		42.4	73	N	P
Barium	mg/Kg	75 - 125	56.2		37.5		10.6	176	N	P
Beryllium	mg/Kg	75 - 125	7.67		0.59		10.6	67	N	P
Cadmium	mg/Kg	75 - 125	10.9		0.62		10.6	97		P
Calcium	mg/Kg	75 - 125	3060		2570		52.9	934		P
Chromium	mg/Kg	75 - 125	30.2		12.8		21.2	82		P
Cobalt	mg/Kg	75 - 125	19.4		7.81		10.6	109		P
Copper	mg/Kg	75 - 125	36.8		20.8		15.9	101		P
Iron	mg/Kg	75 - 125	18000		16700		160	812		P
Lead	mg/Kg	75 - 125	146		64.6		52.9	154	N	P
Magnesium	mg/Kg	75 - 125	2620		2120		110	451		P
Manganese	mg/Kg	75 - 125	241		211		10.6	284		P
Nickel	mg/Kg	75 - 125	40.5		12.8		26.5	104		P
Potassium	mg/Kg	75 - 125	1160		552		530	114		P
Selenium	mg/Kg	75 - 125	72.4		1.04	U	110	66	N	P
Silver	mg/Kg	75 - 125	3.57		0.47	J	4.0	78		P
Sodium	mg/Kg	75 - 125	589		383		160	129	N	P
Thallium	mg/Kg	75 - 125	84.7		2.07	U	110	77		P
Vanadium	mg/Kg	75 - 125	37.9		24.3		15.9	86		P
Zinc	mg/Kg	75 - 125	106		72.2		10.6	317		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Zuccaro Inc.</u>	SDG No.: <u>Q3032</u>	
Contract: <u>ZUCC01</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>SOIL-PILE-2A</u>
Sample ID: <u>Q3032-04</u>	Spiked ID: <u>Q3032-04A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	31.3		2.59	U	41.4	76		P
Arsenic	mg/Kg	75 - 125	36.0		4.40		41.4	76		P
Barium	mg/Kg	75 - 125	45.3		37.5		10.4	75		P
Beryllium	mg/Kg	75 - 125	7.87		0.59		10.4	70	N	P
Lead	mg/Kg	75 - 125	108		64.6		51.8	84		P
Selenium	mg/Kg	75 - 125	76.0		1.04	U	100	76		P
Sodium	mg/Kg	75 - 125	496		383		160	71	N	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Zuccaro Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3032</u>
Contract:	<u>ZUCC01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3009-01</u>	Client ID:	<u>TR-04-090325DUP</u>
Percent Solids for Sample:	96.8	Duplicate ID	Q3009-01DUP	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.013	U	0.013	U			CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Zuccaro Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3032</u>
Contract:	<u>ZUCC01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3009-01MS</u>	Client ID:	<u>TR-04-090325MSD</u>
Percent Solids for Sample:	96.8	Duplicate ID	Q3009-01MSD	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.22		0.23		4		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>Zuccaro Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3032</u>
Contract:	<u>ZUCC01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3032-04</u>	Client ID:	<u>SOIL-PILE-2DUP</u>
Percent Solids for Sample:	83.2	Duplicate ID	Q3032-04DUP	Percent Solids for Spike Sample:	83.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7000		6390		9		P
Antimony	mg/Kg	20	2.59	U	2.78	U			P
Arsenic	mg/Kg	20	4.40		4.46		1		P
Barium	mg/Kg	20	37.5		37.8		1		P
Beryllium	mg/Kg	20	0.59		0.53		10		P
Cadmium	mg/Kg	20	0.62		0.65		4		P
Calcium	mg/Kg	20	2570		2480		4		P
Chromium	mg/Kg	20	12.8		12.7		1		P
Cobalt	mg/Kg	20	7.81		7.27		7		P
Copper	mg/Kg	20	20.8		22.2		7		P
Iron	mg/Kg	20	16700		15300		9		P
Lead	mg/Kg	20	64.6		77.9		19		P
Magnesium	mg/Kg	20	2120		2150		1		P
Manganese	mg/Kg	20	211		189		11		P
Nickel	mg/Kg	20	12.8		12.5		2		P
Potassium	mg/Kg	20	552		569		3		P
Selenium	mg/Kg	20	1.04	U	1.11	U			P
Silver	mg/Kg	20	0.47	J	0.45	J	4		P
Sodium	mg/Kg	20	383		385		1		P
Thallium	mg/Kg	20	2.07	U	2.23	U			P
Vanadium	mg/Kg	20	24.3		23.5		3		P
Zinc	mg/Kg	20	72.2		86.5		18		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Zuccaro Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3032</u>
Contract:	<u>ZUCC01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3032-04MS</u>	Client ID:	<u>SOIL-PILE-2MSD</u>
Percent Solids for Sample:	83.2	Duplicate ID	Q3032-04MSD	Percent Solids for Spike Sample:	83.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7480		7930		6		P
Antimony	mg/Kg	20	14.3		13.7		4		P
Arsenic	mg/Kg	20	34.6		35.5		3		P
Barium	mg/Kg	20	54.6		56.2		3		P
Beryllium	mg/Kg	20	7.65		7.67		0		P
Cadmium	mg/Kg	20	10.4		10.9		5		P
Calcium	mg/Kg	20	2610		3060		16		P
Chromium	mg/Kg	20	28.4		30.2		6		P
Cobalt	mg/Kg	20	18.3		19.4		6		P
Copper	mg/Kg	20	38.7		36.8		5		P
Iron	mg/Kg	20	15700		18000		14		P
Lead	mg/Kg	20	135		146		8		P
Magnesium	mg/Kg	20	2480		2620		5		P
Manganese	mg/Kg	20	177		241		31	*	P
Nickel	mg/Kg	20	37.6		40.5		7		P
Potassium	mg/Kg	20	1000		1160		15		P
Selenium	mg/Kg	20	71.8		72.4		1		P
Silver	mg/Kg	20	3.38		3.57		5		P
Sodium	mg/Kg	20	642		589		9		P
Thallium	mg/Kg	20	83.8		84.7		1		P
Vanadium	mg/Kg	20	37.8		37.9		0		P
Zinc	mg/Kg	20	108		106		2		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Zuccaro Inc.</u>	SDG No.:	<u>Q3032</u>
Contract:	<u>ZUCC01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169595BS							
Aluminum	mg/Kg	100	95.9		96	80 - 120	P
Antimony	mg/Kg	40.0	38.6		96	80 - 120	P
Arsenic	mg/Kg	40.0	38.1		95	80 - 120	P
Barium	mg/Kg	10.0	9.15		92	80 - 120	P
Beryllium	mg/Kg	10.0	9.51		95	80 - 120	P
Cadmium	mg/Kg	10.0	9.33		93	80 - 120	P
Calcium	mg/Kg	50.0	48.3	J	97	80 - 120	P
Chromium	mg/Kg	20.0	19.3		96	80 - 120	P
Cobalt	mg/Kg	10.0	9.44		94	80 - 120	P
Copper	mg/Kg	15.0	14.9		99	80 - 120	P
Iron	mg/Kg	150	143		95	80 - 120	P
Lead	mg/Kg	50.0	46.0		92	80 - 120	P
Magnesium	mg/Kg	100	94.3	J	94	80 - 120	P
Manganese	mg/Kg	10.0	9.46		95	80 - 120	P
Nickel	mg/Kg	25.0	23.5		94	80 - 120	P
Potassium	mg/Kg	500	487		97	80 - 120	P
Selenium	mg/Kg	100	97.7		98	80 - 120	P
Silver	mg/Kg	3.8	3.58		94	80 - 120	P
Sodium	mg/Kg	150	154		103	80 - 120	P
Thallium	mg/Kg	100	94.4		94	80 - 120	P
Vanadium	mg/Kg	15.0	14.3		95	80 - 120	P
Zinc	mg/Kg	10.0	9.91		99	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169605BS Mercury	mg/Kg	0.25	0.23		92	80 - 120	CV

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TR-04-090325L

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

Lb No.: lb137106

Lab Sample ID : Q3009-01L

SDG No.: Q3032

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.013 U	0.063 U			CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SOIL-PILE-2L

Lab Name: Alliance Contract: ZUCC01
Lab Code: ACE Lb No.: lb137113 Lab Sample ID : Q3032-04L SDG No.: Q3032
Matrix (soil/water): Solid Level (low/med): LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	7000		8490		21		P
Antimony	2.59	U	13.0	U			P
Arsenic	4.40		5.21		18		P
Barium	37.5		44.9		20		P
Beryllium	0.59		0.76	J	29		P
Cadmium	0.62		0.33	J	47		P
Calcium	2570		3200		25		P
Chromium	12.8		15.5		21		P
Cobalt	7.81		7.79		0		P
Copper	20.8		26.6		28		P
Iron	16700		19500		16		P
Lead	64.6		67.2		4		P
Magnesium	2120		2640		24		P
Manganese	211		266		26		P
Nickel	12.8		13.0		1		P
Potassium	552		673		22		P
Selenium	1.04	U	5.18	U			P
Silver	0.47	J	2.59	U	100.0		P
Sodium	383		480	J	25		P
Thallium	2.07	U	10.4	U			P
Vanadium	24.3		29.0		19		P
Zinc	72.2		87.0		20		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL
PREPARATION &
ANALYICAL
SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169595							
PB169595BL	PB169595BL	MB	SOLID	09/08/2025	2.00	100.0	100.00
PB169595BS	PB169595BS	LCS	SOLID	09/08/2025	2.00	100.0	100.00
Q3032-01	SOIL-PILE-1	SAM	SOLID	09/08/2025	2.36	100.0	83.10
Q3032-04	SOIL-PILE-2	SAM	SOLID	09/08/2025	2.32	100.0	83.20
Q3032-04DUP	SOIL-PILE-2DUP	DUP	SOLID	09/08/2025	2.16	100.0	83.20
Q3032-04MS	SOIL-PILE-2MS	MS	SOLID	09/08/2025	2.36	100.0	83.20
Q3032-04MSD	SOIL-PILE-2MSD	MSD	SOLID	09/08/2025	2.27	100.0	83.20

Metals
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SAMPLE PREPARATION SUMMARY

Client: Zuccaro Inc.

SDG No.: Q3032

Contract: ZUCC01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169605							
PB169605BL	PB169605BL	MB	SOLID	09/08/2025	0.57	35.0	100.00
PB169605BS	PB169605BS	LCS	SOLID	09/08/2025	0.55	35.0	100.00
Q3009-01DUP	TR-04-090325DUP	DUP	SOLID	09/08/2025	0.55	35.0	96.80
Q3009-01MS	TR-04-090325MS	MS	SOLID	09/08/2025	0.53	35.0	96.80
Q3009-01MSD	TR-04-090325MSD	MSD	SOLID	09/08/2025	0.54	35.0	96.80
Q3032-01	SOIL-PILE-1	SAM	SOLID	09/08/2025	0.57	35.0	83.10
Q3032-04	SOIL-PILE-2	SAM	SOLID	09/08/2025	0.54	35.0	83.20

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ANALYSIS RUN LOG

Client: Zuccaro Inc.

Contract: ZUCC01

Lab code: ACE

Sdg no.: Q3032

Instrument id number: _____

Method: _____

Run number: LB137106

Start date: 09/08/2025

End date: 09/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1414	HG
S0.2	S0.2	1	1416	HG
S2.5	S2.5	1	1418	HG
S5	S5	1	1420	HG
S7.5	S7.5	1	1423	HG
S10	S10	1	1425	HG
ICV22	ICV22	1	1434	HG
ICB22	ICB22	1	1436	HG
CCV63	CCV63	1	1438	HG
CCB63	CCB63	1	1443	HG
CRA	CRA	1	1446	HG
PB169605BL	PB169605BL	1	1455	HG
PB169605BS	PB169605BS	1	1458	HG
Q3009-01DUP	TR-04-090325DUP	1	1502	HG
Q3009-01MS	TR-04-090325MS	1	1505	HG
Q3009-01MSD	TR-04-090325MSD	1	1507	HG
CCV64	CCV64	1	1512	HG
CCB64	CCB64	1	1514	HG
Q3032-01	SOIL-PILE-1	1	1532	HG
Q3032-04	SOIL-PILE-2	1	1535	HG
Q3009-01L	TR-04-090325L	5	1537	HG
CCV65	CCV65	1	1539	HG
CCB65	CCB65	1	1541	HG
CCV66	CCV66	1	1556	HG
CCB66	CCB66	1	1558	HG

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ANALYSIS RUN LOG

Client: Zuccaro Inc.

Contract: ZUCC01

Lab code: ACE

Sdg no.: Q3032

Instrument id number: _____

Method: _____

Run number: LB137113

Start date: 09/08/2025

End date: 09/08/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1143	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1151	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1218	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1243	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1336	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1442	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169595BL	PB169595BL	1	1519	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169595BS	PB169595BS	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-01	SOIL-PILE-1	1	1532	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04	SOIL-PILE-2	1	1536	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04DUP	SOIL-PILE-2DUP	1	1540	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1552	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04L	SOIL-PILE-2L	5	1557	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04MS	SOIL-PILE-2MS	1	1601	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04MSD	SOIL-PILE-2MSD	1	1605	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3032-04A	SOIL-PILE-2A	1	1609	As,Ba,Be,Na,Pb,Sb,Se
CCV05	CCV05	1	1613	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn