



LAB CHRONICLE

OrderID:	P4474	OrderDate:	10/21/2024 3:19:00 PM
Client:	Yannuzzi Group, Inc.	Project:	86 Davidson Road, Piscataway, NJ
Contact:	Rafael Nunez	Location:	K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4474-01	TS-2	SOIL	Mercury	7471B	10/18/24	10/24/24	10/24/24	10/21/24
			Metals ICP-TAL	6010D		10/23/24	10/24/24	

Hit Summary Sheet SW-846

SDG No.: P4474 **Order ID:** P4474
Client: Yannuzzi Group, Inc. **Project ID:** 86 Davidson Road, Piscataway, NJ

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TS-2								
P4474-01	TS-2	SOIL	Aluminum	5810		4.39	9.10	mg/Kg
P4474-01	TS-2	SOIL	Arsenic	1.90		0.53	1.82	mg/Kg
P4474-01	TS-2	SOIL	Barium	89.9		1.16	9.10	mg/Kg
P4474-01	TS-2	SOIL	Beryllium	0.49	J	0.022	0.55	mg/Kg
P4474-01	TS-2	SOIL	Cadmium	0.70		0.029	0.55	mg/Kg
P4474-01	TS-2	SOIL	Calcium	39900		5.10	182	mg/Kg
P4474-01	TS-2	SOIL	Chromium	21.8		0.098	0.91	mg/Kg
P4474-01	TS-2	SOIL	Cobalt	7.88		0.11	2.73	mg/Kg
P4474-01	TS-2	SOIL	Copper	96.7		0.86	1.82	mg/Kg
P4474-01	TS-2	SOIL	Iron	12100		4.90	9.10	mg/Kg
P4474-01	TS-2	SOIL	Lead	10.0		0.27	1.09	mg/Kg
P4474-01	TS-2	SOIL	Magnesium	9180		6.24	182	mg/Kg
P4474-01	TS-2	SOIL	Manganese	582		0.13	1.82	mg/Kg
P4474-01	TS-2	SOIL	Mercury	0.012	J	0.012	0.027	mg/Kg
P4474-01	TS-2	SOIL	Nickel	48.0		0.16	3.64	mg/Kg
P4474-01	TS-2	SOIL	Potassium	14500		52.2	182	mg/Kg
P4474-01	TS-2	SOIL	Silver	0.25	J	0.095	0.91	mg/Kg
P4474-01	TS-2	SOIL	Sodium	1550		65.7	182	mg/Kg
P4474-01	TS-2	SOIL	Vanadium	19.1		0.49	3.64	mg/Kg
P4474-01	TS-2	SOIL	Zinc	160		0.20	3.64	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Yannuzzi Group, Inc.	Date Collected:	10/18/24
Project:	86 Davidson Road, Piscataway, NJ	Date Received:	10/21/24
Client Sample ID:	TS-2	SDG No.:	P4474
Lab Sample ID:	P4474-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	48.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5810		1	4.39	9.10	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-36-0	Antimony	0.27	U	1	0.27	4.55	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-38-2	Arsenic	1.90		1	0.53	1.82	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-39-3	Barium	89.9	N	1	1.16	9.10	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-41-7	Beryllium	0.49	J	1	0.022	0.55	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-43-9	Cadmium	0.70		1	0.029	0.55	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-70-2	Calcium	39900		1	5.10	182	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-47-3	Chromium	21.8		1	0.098	0.91	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-48-4	Cobalt	7.88		1	0.11	2.73	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-50-8	Copper	96.7		1	0.86	1.82	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7439-89-6	Iron	12100		1	4.90	9.10	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7439-92-1	Lead	10.0		1	0.27	1.09	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7439-95-4	Magnesium	9180		1	6.24	182	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7439-96-5	Manganese	582		1	0.13	1.82	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7439-97-6	Mercury	0.012	J	1	0.012	0.027	mg/Kg	10/24/24 08:15	10/24/24 09:13	SW7471B	
7440-02-0	Nickel	48.0		1	0.16	3.64	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-09-7	Potassium	14500		1	52.2	182	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7782-49-2	Selenium	0.60	U	1	0.60	1.82	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-22-4	Silver	0.25	J	1	0.095	0.91	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-23-5	Sodium	1550	N	1	65.7	182	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-28-0	Thallium	0.80	U	1	0.80	3.64	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-62-2	Vanadium	19.1		1	0.49	3.64	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050
7440-66-6	Zinc	160	N	1	0.20	3.64	mg/Kg	10/23/24 08:45	10/24/24 14:44	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
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
ICV50	Mercury	3.82	4.0	96	90 - 110	CV	10/24/2024	08:43	LB133088

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
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
CCV62	Mercury	5.11	5.0	102	90 - 110	CV	10/24/2024	08:47	LB133088
CCV63	Mercury	5.11	5.0	102	90 - 110	CV	10/24/2024	09:20	LB133088
CCV64	Mercury	5.27	5.0	106	90 - 110	CV	10/24/2024	09:53	LB133088
CCV65	Mercury	5.20	5.0	104	90 - 110	CV	10/24/2024	10:24	LB133088

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
 Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
 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	2480	2500	99	90 - 110	P	10/24/2024	13:26	LB133110
	Antimony	1020	1000	102	90 - 110	P	10/24/2024	13:26	LB133110
	Arsenic	965	1000	96	90 - 110	P	10/24/2024	13:26	LB133110
	Barium	486	520	93	90 - 110	P	10/24/2024	13:26	LB133110
	Beryllium	483	510	95	90 - 110	P	10/24/2024	13:26	LB133110
	Cadmium	481	510	94	90 - 110	P	10/24/2024	13:26	LB133110
	Calcium	9650	10000	96	90 - 110	P	10/24/2024	13:26	LB133110
	Chromium	523	520	101	90 - 110	P	10/24/2024	13:26	LB133110
	Cobalt	520	520	100	90 - 110	P	10/24/2024	13:26	LB133110
	Copper	539	510	106	90 - 110	P	10/24/2024	13:26	LB133110
	Iron	10100	10000	101	90 - 110	P	10/24/2024	13:26	LB133110
	Lead	974	1000	97	90 - 110	P	10/24/2024	13:26	LB133110
	Magnesium	5440	6000	91	90 - 110	P	10/24/2024	13:26	LB133110
	Manganese	490	520	94	90 - 110	P	10/24/2024	13:26	LB133110
	Nickel	523	530	99	90 - 110	P	10/24/2024	13:26	LB133110
	Potassium	10200	9900	102	90 - 110	P	10/24/2024	13:26	LB133110
	Selenium	1000	1000	100	90 - 110	P	10/24/2024	13:26	LB133110
	Silver	264	250	106	90 - 110	P	10/24/2024	13:26	LB133110
	Sodium	9680	10000	97	90 - 110	P	10/24/2024	13:26	LB133110
	Thallium	996	1000	100	90 - 110	P	10/24/2024	13:26	LB133110
	Vanadium	467	500	93	90 - 110	P	10/24/2024	13:26	LB133110
	Zinc	1060	1000	106	90 - 110	P	10/24/2024	13:26	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
 Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
 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	98.7	100	99	80 - 120	P	10/24/2024	13:30	LB133110
	Antimony	52.1	50.0	104	80 - 120	P	10/24/2024	13:30	LB133110
	Arsenic	19.0	20.0	95	80 - 120	P	10/24/2024	13:30	LB133110
	Barium	95.8	100	96	80 - 120	P	10/24/2024	13:30	LB133110
	Beryllium	5.72	6.0	95	80 - 120	P	10/24/2024	13:30	LB133110
	Cadmium	5.61	6.0	94	80 - 120	P	10/24/2024	13:30	LB133110
	Calcium	1950	2000	97	80 - 120	P	10/24/2024	13:30	LB133110
	Chromium	10.0	10.0	100	80 - 120	P	10/24/2024	13:30	LB133110
	Cobalt	30.0	30.0	100	80 - 120	P	10/24/2024	13:30	LB133110
	Copper	22.9	20.0	114	80 - 120	P	10/24/2024	13:30	LB133110
	Iron	106	100	106	80 - 120	P	10/24/2024	13:30	LB133110
	Lead	11.6	12.0	96	80 - 120	P	10/24/2024	13:30	LB133110
	Magnesium	1840	2000	92	80 - 120	P	10/24/2024	13:30	LB133110
	Manganese	20.0	20.0	100	80 - 120	P	10/24/2024	13:30	LB133110
	Nickel	39.5	40.0	99	80 - 120	P	10/24/2024	13:30	LB133110
	Potassium	2040	2000	102	80 - 120	P	10/24/2024	13:30	LB133110
	Selenium	19.0	20.0	95	80 - 120	P	10/24/2024	13:30	LB133110
	Silver	11.0	10.0	110	80 - 120	P	10/24/2024	13:30	LB133110
	Sodium	1910	2000	96	80 - 120	P	10/24/2024	13:30	LB133110
	Thallium	39.2	40.0	98	80 - 120	P	10/24/2024	13:30	LB133110
	Vanadium	35.8	40.0	89	80 - 120	P	10/24/2024	13:30	LB133110
	Zinc	45.9	40.0	115	80 - 120	P	10/24/2024	13:30	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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	9660	10000	97	90 - 110	P	10/24/2024	14:06	LB133110
	Antimony	4980	5000	100	90 - 110	P	10/24/2024	14:06	LB133110
	Arsenic	4950	5000	99	90 - 110	P	10/24/2024	14:06	LB133110
	Barium	9460	10000	95	90 - 110	P	10/24/2024	14:06	LB133110
	Beryllium	238	250	95	90 - 110	P	10/24/2024	14:06	LB133110
	Cadmium	2440	2500	97	90 - 110	P	10/24/2024	14:06	LB133110
	Calcium	23800	25000	95	90 - 110	P	10/24/2024	14:06	LB133110
	Chromium	968	1000	97	90 - 110	P	10/24/2024	14:06	LB133110
	Cobalt	2440	2500	98	90 - 110	P	10/24/2024	14:06	LB133110
	Copper	1250	1250	100	90 - 110	P	10/24/2024	14:06	LB133110
	Iron	4960	5000	99	90 - 110	P	10/24/2024	14:06	LB133110
	Lead	4900	5000	98	90 - 110	P	10/24/2024	14:06	LB133110
	Magnesium	25700	25000	103	90 - 110	P	10/24/2024	14:06	LB133110
	Manganese	2350	2500	94	90 - 110	P	10/24/2024	14:06	LB133110
	Nickel	2450	2500	98	90 - 110	P	10/24/2024	14:06	LB133110
	Potassium	24900	25000	100	90 - 110	P	10/24/2024	14:06	LB133110
	Selenium	5000	5000	100	90 - 110	P	10/24/2024	14:06	LB133110
	Silver	1250	1250	100	90 - 110	P	10/24/2024	14:06	LB133110
	Sodium	24600	25000	98	90 - 110	P	10/24/2024	14:06	LB133110
	Thallium	4850	5000	97	90 - 110	P	10/24/2024	14:06	LB133110
	Vanadium	2330	2500	93	90 - 110	P	10/24/2024	14:06	LB133110
	Zinc	2520	2500	101	90 - 110	P	10/24/2024	14:06	LB133110
CCV02	Aluminum	9760	10000	98	90 - 110	P	10/24/2024	14:53	LB133110
	Antimony	4950	5000	99	90 - 110	P	10/24/2024	14:53	LB133110
	Arsenic	4890	5000	98	90 - 110	P	10/24/2024	14:53	LB133110
	Barium	9450	10000	94	90 - 110	P	10/24/2024	14:53	LB133110
	Beryllium	234	250	94	90 - 110	P	10/24/2024	14:53	LB133110
	Cadmium	2410	2500	96	90 - 110	P	10/24/2024	14:53	LB133110
	Calcium	23900	25000	96	90 - 110	P	10/24/2024	14:53	LB133110
	Chromium	959	1000	96	90 - 110	P	10/24/2024	14:53	LB133110
	Cobalt	2420	2500	97	90 - 110	P	10/24/2024	14:53	LB133110
	Copper	1240	1250	99	90 - 110	P	10/24/2024	14:53	LB133110
	Iron	4970	5000	99	90 - 110	P	10/24/2024	14:53	LB133110
	Lead	4860	5000	97	90 - 110	P	10/24/2024	14:53	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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	25600	25000	102	90 - 110	P	10/24/2024	14:53	LB133110
	Manganese	2340	2500	94	90 - 110	P	10/24/2024	14:53	LB133110
	Nickel	2430	2500	97	90 - 110	P	10/24/2024	14:53	LB133110
	Potassium	25000	25000	100	90 - 110	P	10/24/2024	14:53	LB133110
	Selenium	4950	5000	99	90 - 110	P	10/24/2024	14:53	LB133110
	Silver	1240	1250	99	90 - 110	P	10/24/2024	14:53	LB133110
	Sodium	24600	25000	98	90 - 110	P	10/24/2024	14:53	LB133110
	Thallium	4800	5000	96	90 - 110	P	10/24/2024	14:53	LB133110
	Vanadium	2320	2500	93	90 - 110	P	10/24/2024	14:53	LB133110
	Zinc	2510	2500	100	90 - 110	P	10/24/2024	14:53	LB133110
CCV03	Aluminum	9500	10000	95	90 - 110	P	10/24/2024	15:06	LB133110
	Antimony	4930	5000	99	90 - 110	P	10/24/2024	15:06	LB133110
	Arsenic	4880	5000	98	90 - 110	P	10/24/2024	15:06	LB133110
	Barium	9310	10000	93	90 - 110	P	10/24/2024	15:06	LB133110
	Beryllium	228	250	91	90 - 110	P	10/24/2024	15:06	LB133110
	Cadmium	2400	2500	96	90 - 110	P	10/24/2024	15:06	LB133110
	Calcium	23300	25000	93	90 - 110	P	10/24/2024	15:06	LB133110
	Chromium	961	1000	96	90 - 110	P	10/24/2024	15:06	LB133110
	Cobalt	2410	2500	96	90 - 110	P	10/24/2024	15:06	LB133110
	Copper	1230	1250	98	90 - 110	P	10/24/2024	15:06	LB133110
	Iron	5030	5000	101	90 - 110	P	10/24/2024	15:06	LB133110
	Lead	4830	5000	97	90 - 110	P	10/24/2024	15:06	LB133110
	Magnesium	25100	25000	100	90 - 110	P	10/24/2024	15:06	LB133110
	Manganese	2280	2500	91	90 - 110	P	10/24/2024	15:06	LB133110
	Nickel	2420	2500	97	90 - 110	P	10/24/2024	15:06	LB133110
	Potassium	25400	25000	102	90 - 110	P	10/24/2024	15:06	LB133110
	Selenium	4950	5000	99	90 - 110	P	10/24/2024	15:06	LB133110
	Silver	1240	1250	99	90 - 110	P	10/24/2024	15:06	LB133110
	Sodium	25200	25000	101	90 - 110	P	10/24/2024	15:06	LB133110
	Thallium	4880	5000	98	90 - 110	P	10/24/2024	15:06	LB133110
	Vanadium	2270	2500	91	90 - 110	P	10/24/2024	15:06	LB133110
	Zinc	2510	2500	100	90 - 110	P	10/24/2024	15:06	LB133110
CCV04	Aluminum	9870	10000	99	90 - 110	P	10/24/2024	15:58	LB133110
	Antimony	5100	5000	102	90 - 110	P	10/24/2024	15:58	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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	5050	5000	101	90 - 110	P	10/24/2024	15:58	LB133110
	Barium	9520	10000	95	90 - 110	P	10/24/2024	15:58	LB133110
	Beryllium	233	250	93	90 - 110	P	10/24/2024	15:58	LB133110
	Cadmium	2460	2500	98	90 - 110	P	10/24/2024	15:58	LB133110
	Calcium	23900	25000	96	90 - 110	P	10/24/2024	15:58	LB133110
	Chromium	966	1000	97	90 - 110	P	10/24/2024	15:58	LB133110
	Cobalt	2470	2500	99	90 - 110	P	10/24/2024	15:58	LB133110
	Copper	1270	1250	102	90 - 110	P	10/24/2024	15:58	LB133110
	Iron	4970	5000	100	90 - 110	P	10/24/2024	15:58	LB133110
	Lead	4960	5000	99	90 - 110	P	10/24/2024	15:58	LB133110
	Magnesium	22600	25000	90	90 - 110	P	10/24/2024	15:58	LB133110
	Manganese	2320	2500	93	90 - 110	P	10/24/2024	15:58	LB133110
	Nickel	2480	2500	99	90 - 110	P	10/24/2024	15:58	LB133110
	Potassium	25600	25000	102	90 - 110	P	10/24/2024	15:58	LB133110
	Selenium	5140	5000	103	90 - 110	P	10/24/2024	15:58	LB133110
	Silver	1260	1250	100	90 - 110	P	10/24/2024	15:58	LB133110
	Sodium	25300	25000	101	90 - 110	P	10/24/2024	15:58	LB133110
	Thallium	5000	5000	100	90 - 110	P	10/24/2024	15:58	LB133110
	Vanadium	2310	2500	92	90 - 110	P	10/24/2024	15:58	LB133110
	Zinc	2550	2500	102	90 - 110	P	10/24/2024	15:58	LB133110
CCV05	Aluminum	9590	10000	96	90 - 110	P	10/24/2024	16:55	LB133110
	Antimony	4920	5000	98	90 - 110	P	10/24/2024	16:55	LB133110
	Arsenic	4920	5000	98	90 - 110	P	10/24/2024	16:55	LB133110
	Barium	9440	10000	94	90 - 110	P	10/24/2024	16:55	LB133110
	Beryllium	236	250	94	90 - 110	P	10/24/2024	16:55	LB133110
	Cadmium	2400	2500	96	90 - 110	P	10/24/2024	16:55	LB133110
	Calcium	23400	25000	94	90 - 110	P	10/24/2024	16:55	LB133110
	Chromium	945	1000	94	90 - 110	P	10/24/2024	16:55	LB133110
	Cobalt	2410	2500	96	90 - 110	P	10/24/2024	16:55	LB133110
	Copper	1230	1250	98	90 - 110	P	10/24/2024	16:55	LB133110
	Iron	4690	5000	94	90 - 110	P	10/24/2024	16:55	LB133110
	Lead	4840	5000	97	90 - 110	P	10/24/2024	16:55	LB133110
	Magnesium	26700	25000	107	90 - 110	P	10/24/2024	16:55	LB133110
	Manganese	2360	2500	94	90 - 110	P	10/24/2024	16:55	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474

Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474

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	2420	2500	97	90 - 110	P	10/24/2024	16:55	LB133110
	Potassium	25500	25000	102	90 - 110	P	10/24/2024	16:55	LB133110
	Selenium	5040	5000	101	90 - 110	P	10/24/2024	16:55	LB133110
	Silver	1240	1250	99	90 - 110	P	10/24/2024	16:55	LB133110
	Sodium	24300	25000	97	90 - 110	P	10/24/2024	16:55	LB133110
	Thallium	5380	5000	108	90 - 110	P	10/24/2024	16:55	LB133110
	Vanadium	2570	2500	103	90 - 110	P	10/24/2024	16:55	LB133110
	Zinc	2470	2500	99	90 - 110	P	10/24/2024	16:55	LB133110
CCV06	Aluminum	9670	10000	97	90 - 110	P	10/24/2024	17:46	LB133110
	Antimony	5050	5000	101	90 - 110	P	10/24/2024	17:46	LB133110
	Arsenic	5050	5000	101	90 - 110	P	10/24/2024	17:46	LB133110
	Barium	9490	10000	95	90 - 110	P	10/24/2024	17:46	LB133110
	Beryllium	237	250	95	90 - 110	P	10/24/2024	17:46	LB133110
	Cadmium	2440	2500	98	90 - 110	P	10/24/2024	17:46	LB133110
	Calcium	23400	25000	94	90 - 110	P	10/24/2024	17:46	LB133110
	Chromium	944	1000	94	90 - 110	P	10/24/2024	17:46	LB133110
	Cobalt	2450	2500	98	90 - 110	P	10/24/2024	17:46	LB133110
	Copper	1260	1250	101	90 - 110	P	10/24/2024	17:46	LB133110
	Iron	4660	5000	93	90 - 110	P	10/24/2024	17:46	LB133110
	Lead	4920	5000	98	90 - 110	P	10/24/2024	17:46	LB133110
	Magnesium	24800	25000	99	90 - 110	P	10/24/2024	17:46	LB133110
	Manganese	2400	2500	96	90 - 110	P	10/24/2024	17:46	LB133110
	Nickel	2470	2500	99	90 - 110	P	10/24/2024	17:46	LB133110
	Potassium	25700	25000	103	90 - 110	P	10/24/2024	17:46	LB133110
	Selenium	5170	5000	103	90 - 110	P	10/24/2024	17:46	LB133110
	Silver	1240	1250	99	90 - 110	P	10/24/2024	17:46	LB133110
	Sodium	24700	25000	99	90 - 110	P	10/24/2024	17:46	LB133110
	Thallium	5400	5000	108	90 - 110	P	10/24/2024	17:46	LB133110
	Vanadium	2610	2500	104	90 - 110	P	10/24/2024	17:46	LB133110
	Zinc	2480	2500	99	90 - 110	P	10/24/2024	17:46	LB133110
CCV07	Aluminum	9420	10000	94	90 - 110	P	10/24/2024	18:37	LB133110
	Antimony	4950	5000	99	90 - 110	P	10/24/2024	18:37	LB133110
	Arsenic	4930	5000	99	90 - 110	P	10/24/2024	18:37	LB133110
	Barium	9240	10000	92	90 - 110	P	10/24/2024	18:37	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV07	Beryllium	236	250	94	90 - 110	P	10/24/2024	18:37	LB133110
	Cadmium	2400	2500	96	90 - 110	P	10/24/2024	18:37	LB133110
	Calcium	23000	25000	92	90 - 110	P	10/24/2024	18:37	LB133110
	Chromium	935	1000	94	90 - 110	P	10/24/2024	18:37	LB133110
	Cobalt	2410	2500	96	90 - 110	P	10/24/2024	18:37	LB133110
	Copper	1230	1250	99	90 - 110	P	10/24/2024	18:37	LB133110
	Iron	4600	5000	92	90 - 110	P	10/24/2024	18:37	LB133110
	Lead	4840	5000	97	90 - 110	P	10/24/2024	18:37	LB133110
	Magnesium	24600	25000	98	90 - 110	P	10/24/2024	18:37	LB133110
	Manganese	2380	2500	95	90 - 110	P	10/24/2024	18:37	LB133110
	Nickel	2430	2500	97	90 - 110	P	10/24/2024	18:37	LB133110
	Potassium	25600	25000	102	90 - 110	P	10/24/2024	18:37	LB133110
	Selenium	5050	5000	101	90 - 110	P	10/24/2024	18:37	LB133110
	Silver	1230	1250	98	90 - 110	P	10/24/2024	18:37	LB133110
	Sodium	24400	25000	98	90 - 110	P	10/24/2024	18:37	LB133110
	Thallium	5340	5000	107	90 - 110	P	10/24/2024	18:37	LB133110
	Vanadium	2560	2500	102	90 - 110	P	10/24/2024	18:37	LB133110
	Zinc	2470	2500	99	90 - 110	P	10/24/2024	18:37	LB133110
CCV08	Aluminum	9530	10000	95	90 - 110	P	10/24/2024	19:32	LB133110
	Antimony	5020	5000	100	90 - 110	P	10/24/2024	19:32	LB133110
	Arsenic	4960	5000	99	90 - 110	P	10/24/2024	19:32	LB133110
	Barium	9320	10000	93	90 - 110	P	10/24/2024	19:32	LB133110
	Beryllium	245	250	98	90 - 110	P	10/24/2024	19:32	LB133110
	Cadmium	2400	2500	96	90 - 110	P	10/24/2024	19:32	LB133110
	Calcium	23200	25000	93	90 - 110	P	10/24/2024	19:32	LB133110
	Chromium	947	1000	95	90 - 110	P	10/24/2024	19:32	LB133110
	Cobalt	2420	2500	97	90 - 110	P	10/24/2024	19:32	LB133110
	Copper	1240	1250	99	90 - 110	P	10/24/2024	19:32	LB133110
	Iron	4760	5000	95	90 - 110	P	10/24/2024	19:32	LB133110
	Lead	4860	5000	97	90 - 110	P	10/24/2024	19:32	LB133110
	Magnesium	25000	25000	100	90 - 110	P	10/24/2024	19:32	LB133110
	Manganese	2440	2500	98	90 - 110	P	10/24/2024	19:32	LB133110
	Nickel	2430	2500	97	90 - 110	P	10/24/2024	19:32	LB133110
	Potassium	27200	25000	109	90 - 110	P	10/24/2024	19:32	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV08	Selenium	5120	5000	102	90 - 110	P	10/24/2024	19:32	LB133110
	Silver	1260	1250	101	90 - 110	P	10/24/2024	19:32	LB133110
	Sodium	25300	25000	101	90 - 110	P	10/24/2024	19:32	LB133110
	Thallium	5330	5000	107	90 - 110	P	10/24/2024	19:32	LB133110
	Vanadium	2610	2500	105	90 - 110	P	10/24/2024	19:32	LB133110
	Zinc	2530	2500	101	90 - 110	P	10/24/2024	19:32	LB133110
CCV09	Aluminum	9530	10000	95	90 - 110	P	10/24/2024	20:31	LB133110
	Antimony	4960	5000	99	90 - 110	P	10/24/2024	20:31	LB133110
	Arsenic	4950	5000	99	90 - 110	P	10/24/2024	20:31	LB133110
	Barium	9150	10000	92	90 - 110	P	10/24/2024	20:31	LB133110
	Beryllium	238	250	95	90 - 110	P	10/24/2024	20:31	LB133110
	Cadmium	2380	2500	95	90 - 110	P	10/24/2024	20:31	LB133110
	Calcium	22800	25000	91	90 - 110	P	10/24/2024	20:31	LB133110
	Chromium	920	1000	92	90 - 110	P	10/24/2024	20:31	LB133110
	Cobalt	2390	2500	96	90 - 110	P	10/24/2024	20:31	LB133110
	Copper	1230	1250	98	90 - 110	P	10/24/2024	20:31	LB133110
	Iron	4550	5000	91	90 - 110	P	10/24/2024	20:31	LB133110
	Lead	4810	5000	96	90 - 110	P	10/24/2024	20:31	LB133110
	Magnesium	24700	25000	99	90 - 110	P	10/24/2024	20:31	LB133110
	Manganese	2420	2500	97	90 - 110	P	10/24/2024	20:31	LB133110
	Nickel	2410	2500	96	90 - 110	P	10/24/2024	20:31	LB133110
	Potassium	25500	25000	102	90 - 110	P	10/24/2024	20:31	LB133110
	Selenium	5090	5000	102	90 - 110	P	10/24/2024	20:31	LB133110
	Silver	1220	1250	98	90 - 110	P	10/24/2024	20:31	LB133110
	Sodium	23000	25000	92	90 - 110	P	10/24/2024	20:31	LB133110
	Thallium	5280	5000	106	90 - 110	P	10/24/2024	20:31	LB133110
	Vanadium	2690	2500	108	90 - 110	P	10/24/2024	20:31	LB133110
	Zinc	2450	2500	98	90 - 110	P	10/24/2024	20:31	LB133110
CCV10	Aluminum	9590	10000	96	90 - 110	P	10/24/2024	21:22	LB133110
	Antimony	5110	5000	102	90 - 110	P	10/24/2024	21:22	LB133110
	Arsenic	5070	5000	101	90 - 110	P	10/24/2024	21:22	LB133110
	Barium	9340	10000	93	90 - 110	P	10/24/2024	21:22	LB133110
	Beryllium	241	250	96	90 - 110	P	10/24/2024	21:22	LB133110
	Cadmium	2460	2500	98	90 - 110	P	10/24/2024	21:22	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV10	Calcium	23300	25000	93	90 - 110	P	10/24/2024	21:22	LB133110
	Chromium	943	1000	94	90 - 110	P	10/24/2024	21:22	LB133110
	Cobalt	2470	2500	99	90 - 110	P	10/24/2024	21:22	LB133110
	Copper	1260	1250	101	90 - 110	P	10/24/2024	21:22	LB133110
	Iron	4630	5000	93	90 - 110	P	10/24/2024	21:22	LB133110
	Lead	4950	5000	99	90 - 110	P	10/24/2024	21:22	LB133110
	Magnesium	25400	25000	102	90 - 110	P	10/24/2024	21:22	LB133110
	Manganese	2480	2500	99	90 - 110	P	10/24/2024	21:22	LB133110
	Nickel	2490	2500	99	90 - 110	P	10/24/2024	21:22	LB133110
	Potassium	26100	25000	104	90 - 110	P	10/24/2024	21:22	LB133110
	Selenium	5190	5000	104	90 - 110	P	10/24/2024	21:22	LB133110
	Silver	1240	1250	99	90 - 110	P	10/24/2024	21:22	LB133110
	Sodium	23800	25000	95	90 - 110	P	10/24/2024	21:22	LB133110
	Thallium	5340	5000	107	90 - 110	P	10/24/2024	21:22	LB133110
	Vanadium	2670	2500	107	90 - 110	P	10/24/2024	21:22	LB133110
	Zinc	2510	2500	100	90 - 110	P	10/24/2024	21:22	LB133110
CCV11	Aluminum	10300	10000	103	90 - 110	P	10/24/2024	22:15	LB133110
	Antimony	5360	5000	107	90 - 110	P	10/24/2024	22:15	LB133110
	Arsenic	5320	5000	106	90 - 110	P	10/24/2024	22:15	LB133110
	Barium	10100	10000	101	90 - 110	P	10/24/2024	22:15	LB133110
	Beryllium	256	250	102	90 - 110	P	10/24/2024	22:15	LB133110
	Cadmium	2570	2500	103	90 - 110	P	10/24/2024	22:15	LB133110
	Calcium	25000	25000	100	90 - 110	P	10/24/2024	22:15	LB133110
	Chromium	995	1000	100	90 - 110	P	10/24/2024	22:15	LB133110
	Cobalt	2590	2500	103	90 - 110	P	10/24/2024	22:15	LB133110
	Copper	1330	1250	106	90 - 110	P	10/24/2024	22:15	LB133110
	Iron	4890	5000	98	90 - 110	P	10/24/2024	22:15	LB133110
	Lead	5170	5000	103	90 - 110	P	10/24/2024	22:15	LB133110
	Magnesium	23500	25000	94	90 - 110	P	10/24/2024	22:15	LB133110
	Manganese	2410	2500	96	90 - 110	P	10/24/2024	22:15	LB133110
	Nickel	2610	2500	104	90 - 110	P	10/24/2024	22:15	LB133110
	Potassium	25100	25000	100	90 - 110	P	10/24/2024	22:15	LB133110
	Selenium	5440	5000	109	90 - 110	P	10/24/2024	22:15	LB133110
	Silver	1300	1250	104	90 - 110	P	10/24/2024	22:15	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV11	Sodium	23100	25000	93	90 - 110	P	10/24/2024	22:15	LB133110
	Thallium	5040	5000	101	90 - 110	P	10/24/2024	22:15	LB133110
	Vanadium	2400	2500	96	90 - 110	P	10/24/2024	22:15	LB133110
	Zinc	2640	2500	106	90 - 110	P	10/24/2024	22:15	LB133110
CCV12	Aluminum	9530	10000	95	90 - 110	P	10/24/2024	23:09	LB133110
	Antimony	5030	5000	101	90 - 110	P	10/24/2024	23:09	LB133110
	Arsenic	4970	5000	100	90 - 110	P	10/24/2024	23:09	LB133110
	Barium	9220	10000	92	90 - 110	P	10/24/2024	23:09	LB133110
	Beryllium	237	250	95	90 - 110	P	10/24/2024	23:09	LB133110
	Cadmium	2400	2500	96	90 - 110	P	10/24/2024	23:09	LB133110
	Calcium	23100	25000	92	90 - 110	P	10/24/2024	23:09	LB133110
	Chromium	921	1000	92	90 - 110	P	10/24/2024	23:09	LB133110
	Cobalt	2410	2500	96	90 - 110	P	10/24/2024	23:09	LB133110
	Copper	1230	1250	99	90 - 110	P	10/24/2024	23:09	LB133110
	Iron	4550	5000	91	90 - 110	P	10/24/2024	23:09	LB133110
	Lead	4840	5000	97	90 - 110	P	10/24/2024	23:09	LB133110
	Magnesium	25400	25000	102	90 - 110	P	10/24/2024	23:09	LB133110
	Manganese	2480	2500	99	90 - 110	P	10/24/2024	23:09	LB133110
	Nickel	2430	2500	97	90 - 110	P	10/24/2024	23:09	LB133110
	Potassium	25600	25000	102	90 - 110	P	10/24/2024	23:09	LB133110
	Selenium	5120	5000	102	90 - 110	P	10/24/2024	23:09	LB133110
	Silver	1220	1250	98	90 - 110	P	10/24/2024	23:09	LB133110
	Sodium	23400	25000	94	90 - 110	P	10/24/2024	23:09	LB133110
	Thallium	5340	5000	107	90 - 110	P	10/24/2024	23:09	LB133110
CCV13	Vanadium	2640	2500	106	90 - 110	P	10/24/2024	23:09	LB133110
	Zinc	2470	2500	99	90 - 110	P	10/24/2024	23:09	LB133110
	Aluminum	9320	10000	93	90 - 110	P	10/24/2024	23:58	LB133110
	Antimony	4910	5000	98	90 - 110	P	10/24/2024	23:58	LB133110
	Arsenic	4850	5000	97	90 - 110	P	10/24/2024	23:58	LB133110
	Barium	9180	10000	92	90 - 110	P	10/24/2024	23:58	LB133110
	Beryllium	228	250	91	90 - 110	P	10/24/2024	23:58	LB133110
	Cadmium	2300	2500	92	90 - 110	P	10/24/2024	23:58	LB133110
	Calcium	27200	25000	109	90 - 110	P	10/24/2024	23:58	LB133110
	Chromium	903	1000	90	90 - 110	P	10/24/2024	23:58	LB133110

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV13	Cobalt	2320	2500	93	90 - 110	P	10/24/2024	23:58	LB133110
	Copper	1200	1250	96	90 - 110	P	10/24/2024	23:58	LB133110
	Iron	5460	5000	109	90 - 110	P	10/24/2024	23:58	LB133110
	Lead	4660	5000	93	90 - 110	P	10/24/2024	23:58	LB133110
	Magnesium	24500	25000	98	90 - 110	P	10/24/2024	23:58	LB133110
	Manganese	2670	2500	107	90 - 110	P	10/24/2024	23:58	LB133110
	Nickel	2340	2500	94	90 - 110	P	10/24/2024	23:58	LB133110
	Potassium	25300	25000	101	90 - 110	P	10/24/2024	23:58	LB133110
	Selenium	5010	5000	100	90 - 110	P	10/24/2024	23:58	LB133110
	Silver	1180	1250	95	90 - 110	P	10/24/2024	23:58	LB133110
	Sodium	23200	25000	93	90 - 110	P	10/24/2024	23:58	LB133110
	Thallium	5100	5000	102	90 - 110	P	10/24/2024	23:58	LB133110
	Vanadium	2670	2500	107	90 - 110	P	10/24/2024	23:58	LB133110
	Zinc	2400	2500	96	90 - 110	P	10/24/2024	23:58	LB133110
CCV14	Aluminum	9700	10000	97	90 - 110	P	10/25/2024	00:52	LB133110
	Antimony	5110	5000	102	90 - 110	P	10/25/2024	00:52	LB133110
	Arsenic	5070	5000	101	90 - 110	P	10/25/2024	00:52	LB133110
	Barium	9300	10000	93	90 - 110	P	10/25/2024	00:52	LB133110
	Beryllium	241	250	96	90 - 110	P	10/25/2024	00:52	LB133110
	Cadmium	2430	2500	97	90 - 110	P	10/25/2024	00:52	LB133110
	Calcium	23500	25000	94	90 - 110	P	10/25/2024	00:52	LB133110
	Chromium	927	1000	93	90 - 110	P	10/25/2024	00:52	LB133110
	Cobalt	2440	2500	98	90 - 110	P	10/25/2024	00:52	LB133110
	Copper	1260	1250	101	90 - 110	P	10/25/2024	00:52	LB133110
	Iron	4600	5000	92	90 - 110	P	10/25/2024	00:52	LB133110
	Lead	4900	5000	98	90 - 110	P	10/25/2024	00:52	LB133110
	Magnesium	25700	25000	103	90 - 110	P	10/25/2024	00:52	LB133110
	Manganese	2520	2500	101	90 - 110	P	10/25/2024	00:52	LB133110
	Nickel	2470	2500	99	90 - 110	P	10/25/2024	00:52	LB133110
	Potassium	25800	25000	103	90 - 110	P	10/25/2024	00:52	LB133110
	Selenium	5210	5000	104	90 - 110	P	10/25/2024	00:52	LB133110
	Silver	1230	1250	99	90 - 110	P	10/25/2024	00:52	LB133110
	Sodium	23200	25000	93	90 - 110	P	10/25/2024	00:52	LB133110
	Thallium	5410	5000	108	90 - 110	P	10/25/2024	00:52	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. **SDG No.:** P4474

Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474

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
CCV14	Vanadium	2680	2500	107	90 - 110	P	10/25/2024	00:52	LB133110
	Zinc	2500	2500	100	90 - 110	P	10/25/2024	00:52	LB133110
CCV15	Aluminum	9430	10000	94	90 - 110	P	10/25/2024	01:45	LB133110
	Antimony	4920	5000	98	90 - 110	P	10/25/2024	01:45	LB133110
	Arsenic	4890	5000	98	90 - 110	P	10/25/2024	01:45	LB133110
	Barium	9100	10000	91	90 - 110	P	10/25/2024	01:45	LB133110
	Beryllium	238	250	95	90 - 110	P	10/25/2024	01:45	LB133110
	Cadmium	2390	2500	96	90 - 110	P	10/25/2024	01:45	LB133110
	Calcium	23000	25000	92	90 - 110	P	10/25/2024	01:45	LB133110
	Chromium	926	1000	93	90 - 110	P	10/25/2024	01:45	LB133110
	Cobalt	2390	2500	96	90 - 110	P	10/25/2024	01:45	LB133110
	Copper	1220	1250	98	90 - 110	P	10/25/2024	01:45	LB133110
	Iron	4510	5000	90	90 - 110	P	10/25/2024	01:45	LB133110
	Lead	4800	5000	96	90 - 110	P	10/25/2024	01:45	LB133110
	Magnesium	25400	25000	101	90 - 110	P	10/25/2024	01:45	LB133110
	Manganese	2470	2500	99	90 - 110	P	10/25/2024	01:45	LB133110
	Nickel	2420	2500	97	90 - 110	P	10/25/2024	01:45	LB133110
	Potassium	25200	25000	101	90 - 110	P	10/25/2024	01:45	LB133110
	Selenium	5000	5000	100	90 - 110	P	10/25/2024	01:45	LB133110
	Silver	1210	1250	97	90 - 110	P	10/25/2024	01:45	LB133110
	Sodium	22700	25000	91	90 - 110	P	10/25/2024	01:45	LB133110
	Thallium	5160	5000	103	90 - 110	P	10/25/2024	01:45	LB133110
CCV16	Vanadium	2640	2500	106	90 - 110	P	10/25/2024	01:45	LB133110
	Zinc	2440	2500	97	90 - 110	P	10/25/2024	01:45	LB133110
	Aluminum	9310	10000	93	90 - 110	P	10/25/2024	02:44	LB133110
	Antimony	4990	5000	100	90 - 110	P	10/25/2024	02:44	LB133110
	Arsenic	4970	5000	99	90 - 110	P	10/25/2024	02:44	LB133110
	Barium	9010	10000	90	90 - 110	P	10/25/2024	02:44	LB133110
	Beryllium	236	250	94	90 - 110	P	10/25/2024	02:44	LB133110
	Cadmium	2430	2500	97	90 - 110	P	10/25/2024	02:44	LB133110
	Calcium	22900	25000	91	90 - 110	P	10/25/2024	02:44	LB133110
	Chromium	913	1000	91	90 - 110	P	10/25/2024	02:44	LB133110
	Cobalt	2430	2500	97	90 - 110	P	10/25/2024	02:44	LB133110
	Copper	1230	1250	99	90 - 110	P	10/25/2024	02:44	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Yannuzzi Group, Inc. SDG No.: P4474
Contract: YANN01 Lab Code: CHEM Case No.: P4474 SAS No.: P4474
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
CCV16	Iron	5000	5000	100	90 - 110	P	10/25/2024	02:44	LB133110
	Lead	4870	5000	97	90 - 110	P	10/25/2024	02:44	LB133110
	Magnesium	25400	25000	102	90 - 110	P	10/25/2024	02:44	LB133110
	Manganese	2720	2500	109	90 - 110	P	10/25/2024	02:44	LB133110
	Nickel	2460	2500	98	90 - 110	P	10/25/2024	02:44	LB133110
	Potassium	24700	25000	99	90 - 110	P	10/25/2024	02:44	LB133110
	Selenium	5070	5000	102	90 - 110	P	10/25/2024	02:44	LB133110
	Silver	1190	1250	96	90 - 110	P	10/25/2024	02:44	LB133110
	Sodium	22700	25000	91	90 - 110	P	10/25/2024	02:44	LB133110
	Thallium	5300	5000	106	90 - 110	P	10/25/2024	02:44	LB133110
	Vanadium	2740	2500	110	90 - 110	P	10/25/2024	02:44	LB133110
	Zinc	2410	2500	96	90 - 110	P	10/25/2024	02:44	LB133110



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

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CRDL STANDARD FOR AA & ICP

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
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
CRA	Mercury	0.18	0.2	88	40 - 160	CV	10/24/2024	08:52	LB133088
CRI01	Aluminum	100	100	100	40 - 160	P	10/24/2024	13:38	LB133110
	Antimony	51.1	50.0	102	40 - 160	P	10/24/2024	13:38	LB133110
	Arsenic	19.7	20.0	98	40 - 160	P	10/24/2024	13:38	LB133110
	Barium	94.3	100	94	40 - 160	P	10/24/2024	13:38	LB133110
	Beryllium	5.58	6.0	93	40 - 160	P	10/24/2024	13:38	LB133110
	Cadmium	5.58	6.0	93	40 - 160	P	10/24/2024	13:38	LB133110
	Calcium	1920	2000	96	40 - 160	P	10/24/2024	13:38	LB133110
	Chromium	9.95	10.0	100	40 - 160	P	10/24/2024	13:38	LB133110
	Cobalt	29.3	30.0	98	40 - 160	P	10/24/2024	13:38	LB133110
	Copper	22.1	20.0	110	40 - 160	P	10/24/2024	13:38	LB133110
	Iron	102	100	102	40 - 160	P	10/24/2024	13:38	LB133110
	Lead	11.7	12.0	97	40 - 160	P	10/24/2024	13:38	LB133110
	Magnesium	1850	2000	93	40 - 160	P	10/24/2024	13:38	LB133110
	Manganese	19.3	20.0	96	40 - 160	P	10/24/2024	13:38	LB133110
	Nickel	38.8	40.0	97	40 - 160	P	10/24/2024	13:38	LB133110
	Potassium	1970	2000	98	40 - 160	P	10/24/2024	13:38	LB133110
	Selenium	17.8	20.0	89	40 - 160	P	10/24/2024	13:38	LB133110
	Silver	10.6	10.0	106	40 - 160	P	10/24/2024	13:38	LB133110
	Sodium	1860	2000	93	40 - 160	P	10/24/2024	13:38	LB133110
	Thallium	39.2	40.0	98	40 - 160	P	10/24/2024	13:38	LB133110
	Vanadium	34.7	40.0	87	40 - 160	P	10/24/2024	13:38	LB133110
	Zinc	44.4	40.0	111	40 - 160	P	10/24/2024	13:38	LB133110



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

Yannuzzi Group, Inc.

SDG No.:

P4474

Contract:

YANN01

Lab Code:

CHEM

Case No.:

P4474

SAS No.:

P4474

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB50	Mercury	0	+/-0	U	0	CV	10/24/2024	08:45	LB133088

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB62	Mercury	0	+/-0	U	0	CV	10/24/2024	08:50	LB133088
CCB63	Mercury	0	+/-0	U	0	CV	10/24/2024	09:22	LB133088
CCB64	Mercury	0	+/-0	U	0	CV	10/24/2024	09:55	LB133088
CCB65	Mercury	0	+/-0	U	0	CV	10/24/2024	10:26	LB133088

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	10/24/2024	13:34	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	13:34	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	13:34	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	13:34	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	13:34	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	13:34	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	13:34	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	13:34	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	13:34	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	13:34	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	13:34	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	13:34	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	13:34	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	13:34	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	13:34	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	13:34	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	13:34	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	13:34	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	13:34	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	13:34	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	13:34	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	13:34	LB133110

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	10/24/2024	14:11	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	14:11	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	14:11	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	14:11	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	14:11	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	14:11	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	14:11	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	14:11	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	14:11	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	14:11	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	14:11	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	14:11	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	14:11	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	14:11	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	14:11	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	14:11	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	14:11	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	14:11	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	14:11	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	14:11	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	14:11	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	14:11	LB133110
CCB02	Aluminum	100	+/-100	U	100	P	10/24/2024	14:57	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	14:57	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	14:57	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	14:57	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	14:57	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	14:57	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	14:57	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	14:57	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	14:57	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	14:57	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	14:57	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	14:57	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	14:57	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	14:57	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	14:57	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	14:57	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	14:57	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	14:57	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	14:57	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	14:57	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	14:57	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	14:57	LB133110
CCB03	Aluminum	100	+/-100	U	100	P	10/24/2024	15:12	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	15:12	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	15:12	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	15:12	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	15:12	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	15:12	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	15:12	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	15:12	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	15:12	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	15:12	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	15:12	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	15:12	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	15:12	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	15:12	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	15:12	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	15:12	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	15:12	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	15:12	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	15:12	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	15:12	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	15:12	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	15:12	LB133110
CCB04	Aluminum	100	+/-100	U	100	P	10/24/2024	16:02	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	16:02	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	16:02	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	16:02	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	16:02	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	16:02	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	16:02	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	16:02	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	16:02	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	16:02	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	16:02	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	16:02	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	16:02	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	16:02	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	16:02	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	16:02	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	16:02	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	16:02	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	16:02	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	16:02	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	16:02	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	16:02	LB133110
CCB05	Aluminum	100	+/-100	U	100	P	10/24/2024	16:59	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	16:59	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	16:59	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	16:59	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	16:59	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	16:59	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	16:59	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	16:59	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	16:59	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	16:59	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	16:59	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	16:59	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	16:59	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	16:59	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	16:59	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	16:59	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	16:59	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	16:59	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	16:59	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	16:59	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	16:59	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	16:59	LB133110
CCB06	Aluminum	100	+/-100	U	100	P	10/24/2024	17:50	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	17:50	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	17:50	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	17:50	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	17:50	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	17:50	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	17:50	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	17:50	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	17:50	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	17:50	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	17:50	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	17:50	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	17:50	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	17:50	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	17:50	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	17:50	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	17:50	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	17:50	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	17:50	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	17:50	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	17:50	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	17:50	LB133110
CCB07	Aluminum	100	+/-100	U	100	P	10/24/2024	18:41	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	18:41	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	18:41	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	18:41	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	18:41	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	18:41	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	18:41	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	18:41	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	18:41	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	18:41	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	18:41	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	18:41	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	18:41	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	18:41	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	18:41	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	18:41	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	18:41	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	18:41	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	18:41	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	18:41	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	18:41	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	18:41	LB133110
CCB08	Aluminum	100	+/-100	U	100	P	10/24/2024	19:45	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	19:45	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	19:45	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	19:45	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	19:45	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	19:45	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	19:45	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	19:45	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	19:45	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	19:45	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	19:45	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	19:45	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	19:45	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	19:45	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	19:45	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	19:45	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	19:45	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	19:45	LB133110
	Sodium	908	+/-2000	J	2000	P	10/24/2024	19:45	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	19:45	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	19:45	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	19:45	LB133110
CCB09	Aluminum	100	+/-100	U	100	P	10/24/2024	20:36	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	20:36	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	20:36	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	20:36	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	20:36	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	20:36	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	20:36	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	20:36	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	20:36	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	20:36	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	20:36	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	20:36	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	20:36	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	20:36	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	20:36	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	20:36	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	20:36	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	20:36	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	20:36	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	20:36	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	20:36	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	20:36	LB133110
CCB10	Aluminum	100	+/-100	U	100	P	10/24/2024	21:28	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	21:28	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	21:28	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	21:28	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	21:28	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	21:28	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	21:28	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	21:28	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	21:28	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	21:28	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	21:28	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	21:28	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	21:28	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	21:28	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	21:28	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	21:28	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	21:28	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	21:28	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	21:28	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	21:28	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	21:28	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	21:28	LB133110
CCB11	Aluminum	100	+/-100	U	100	P	10/24/2024	22:20	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	22:20	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	22:20	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	22:20	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	22:20	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	22:20	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	22:20	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	22:20	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	22:20	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	22:20	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	22:20	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	22:20	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	22:20	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	22:20	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	22:20	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	22:20	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	22:20	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	22:20	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	22:20	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	22:20	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	22:20	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	22:20	LB133110
CCB12	Aluminum	100	+/-100	U	100	P	10/24/2024	23:13	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/24/2024	23:13	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/24/2024	23:13	LB133110
	Barium	100	+/-100	U	100	P	10/24/2024	23:13	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/24/2024	23:13	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/24/2024	23:13	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/24/2024	23:13	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/24/2024	23:13	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/24/2024	23:13	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/24/2024	23:13	LB133110
	Iron	100	+/-100	U	100	P	10/24/2024	23:13	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/24/2024	23:13	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/24/2024	23:13	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/24/2024	23:13	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/24/2024	23:13	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/24/2024	23:13	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/24/2024	23:13	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/24/2024	23:13	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/24/2024	23:13	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/24/2024	23:13	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/24/2024	23:13	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/24/2024	23:13	LB133110
CCB13	Aluminum	100	+/-100	U	100	P	10/25/2024	00:02	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/25/2024	00:02	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/25/2024	00:02	LB133110
	Barium	100	+/-100	U	100	P	10/25/2024	00:02	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/25/2024	00:02	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/25/2024	00:02	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/25/2024	00:02	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/25/2024	00:02	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/25/2024	00:02	LB133110

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB13	Copper	20.0	+/-20.0	U	20.0	P	10/25/2024	00:02	LB133110
	Iron	100	+/-100	U	100	P	10/25/2024	00:02	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/25/2024	00:02	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/25/2024	00:02	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/25/2024	00:02	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/25/2024	00:02	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/25/2024	00:02	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/25/2024	00:02	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/25/2024	00:02	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/25/2024	00:02	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/25/2024	00:02	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/25/2024	00:02	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/25/2024	00:02	LB133110
CCB14	Aluminum	100	+/-100	U	100	P	10/25/2024	00:56	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/25/2024	00:56	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/25/2024	00:56	LB133110
	Barium	100	+/-100	U	100	P	10/25/2024	00:56	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/25/2024	00:56	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/25/2024	00:56	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/25/2024	00:56	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/25/2024	00:56	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/25/2024	00:56	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/25/2024	00:56	LB133110
	Iron	100	+/-100	U	100	P	10/25/2024	00:56	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/25/2024	00:56	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/25/2024	00:56	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/25/2024	00:56	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/25/2024	00:56	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/25/2024	00:56	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/25/2024	00:56	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/25/2024	00:56	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/25/2024	00:56	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/25/2024	00:56	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/25/2024	00:56	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/25/2024	00:56	LB133110
CCB15	Aluminum	100	+/-100	U	100	P	10/25/2024	01:50	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/25/2024	01:50	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/25/2024	01:50	LB133110
	Barium	100	+/-100	U	100	P	10/25/2024	01:50	LB133110

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>Yannuzzi Group, Inc.</u>		SDG No.: <u>P4474</u>							
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>P4474</u>	SAS No.: <u>P4474</u>						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB15	Beryllium	6.00	+/-6.00	U	6.00	P	10/25/2024	01:50	LB133110
	Cadmium	6.00	+/-6.00	U	6.00	P	10/25/2024	01:50	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/25/2024	01:50	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/25/2024	01:50	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/25/2024	01:50	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/25/2024	01:50	LB133110
	Iron	100	+/-100	U	100	P	10/25/2024	01:50	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/25/2024	01:50	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/25/2024	01:50	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/25/2024	01:50	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/25/2024	01:50	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/25/2024	01:50	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/25/2024	01:50	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/25/2024	01:50	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/25/2024	01:50	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/25/2024	01:50	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/25/2024	01:50	LB133110
	Zinc	40.0	+/-40.0	U	40.0	P	10/25/2024	01:50	LB133110
CCB16	Aluminum	100	+/-100	U	100	P	10/25/2024	02:48	LB133110
	Antimony	50.0	+/-50.0	U	50.0	P	10/25/2024	02:48	LB133110
	Arsenic	20.0	+/-20.0	U	20.0	P	10/25/2024	02:48	LB133110
	Barium	100	+/-100	U	100	P	10/25/2024	02:48	LB133110
	Beryllium	6.00	+/-6.00	U	6.00	P	10/25/2024	02:48	LB133110
	Cadmium	0.30	+/-6.00	J	6.00	P	10/25/2024	02:48	LB133110
	Calcium	2000	+/-2000	U	2000	P	10/25/2024	02:48	LB133110
	Chromium	10.0	+/-10.0	U	10.0	P	10/25/2024	02:48	LB133110
	Cobalt	30.0	+/-30.0	U	30.0	P	10/25/2024	02:48	LB133110
	Copper	20.0	+/-20.0	U	20.0	P	10/25/2024	02:48	LB133110
	Iron	100	+/-100	U	100	P	10/25/2024	02:48	LB133110
	Lead	12.0	+/-12.0	U	12.0	P	10/25/2024	02:48	LB133110
	Magnesium	2000	+/-2000	U	2000	P	10/25/2024	02:48	LB133110
	Manganese	20.0	+/-20.0	U	20.0	P	10/25/2024	02:48	LB133110
	Nickel	40.0	+/-40.0	U	40.0	P	10/25/2024	02:48	LB133110
	Potassium	2000	+/-2000	U	2000	P	10/25/2024	02:48	LB133110
	Selenium	20.0	+/-20.0	U	20.0	P	10/25/2024	02:48	LB133110
	Silver	10.0	+/-10.0	U	10.0	P	10/25/2024	02:48	LB133110
	Sodium	2000	+/-2000	U	2000	P	10/25/2024	02:48	LB133110
	Thallium	40.0	+/-40.0	U	40.0	P	10/25/2024	02:48	LB133110
	Vanadium	40.0	+/-40.0	U	40.0	P	10/25/2024	02:48	LB133110

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB16	Zinc	40.0	+/-40.0	U	40.0	P	10/25/2024	02:48	LB133110

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164361BL		SOLID		Batch Number:	PB164361		Prep Date:	10/24/2024	
	Mercury	0.013	<0.013	U	0.013	CV	10/24/2024	09:01	LB133088

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB164320BL	SOLID			Batch Number:	PB164320		Prep Date:	10/23/2024	
	Aluminum	4.50	<4.50	U	4.50	P	10/24/2024	15:49	LB133110
	Antimony	2.25	<2.25	U	2.25	P	10/24/2024	15:49	LB133110
	Arsenic	0.90	<0.90	U	0.90	P	10/24/2024	15:49	LB133110
	Barium	4.50	<4.50	U	4.50	P	10/24/2024	15:49	LB133110
	Beryllium	0.27	<0.27	U	0.27	P	10/24/2024	15:49	LB133110
	Cadmium	0.27	<0.27	U	0.27	P	10/24/2024	15:49	LB133110
	Calcium	90.1	<90.1	U	90.1	P	10/24/2024	15:49	LB133110
	Chromium	0.45	<0.45	U	0.45	P	10/24/2024	15:49	LB133110
	Cobalt	1.35	<1.35	U	1.35	P	10/24/2024	15:49	LB133110
	Copper	0.90	<0.90	U	0.90	P	10/24/2024	15:49	LB133110
	Iron	4.50	<4.50	U	4.50	P	10/24/2024	15:49	LB133110
	Lead	0.54	<0.54	U	0.54	P	10/24/2024	15:49	LB133110
	Magnesium	90.1	<90.1	U	90.1	P	10/24/2024	15:49	LB133110
	Manganese	0.90	<0.90	U	0.90	P	10/24/2024	15:49	LB133110
	Nickel	1.80	<1.80	U	1.80	P	10/24/2024	15:49	LB133110
	Potassium	90.1	<90.1	U	90.1	P	10/24/2024	15:49	LB133110
	Selenium	0.90	<0.90	U	0.90	P	10/24/2024	15:49	LB133110
	Silver	0.45	<0.45	U	0.45	P	10/24/2024	15:49	LB133110
	Sodium	90.1	<90.1	U	90.1	P	10/24/2024	15:49	LB133110
	Thallium	1.80	<1.80	U	1.80	P	10/24/2024	15:49	LB133110
	Vanadium	1.80	<1.80	U	1.80	P	10/24/2024	15:49	LB133110
	Zinc	1.80	<1.80	U	1.80	P	10/24/2024	15:49	LB133110

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Yannuzzi Group, Inc.</u>	SDG No.: <u>P4474</u>
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>P4474</u>
	SAS No.: <u>P4474</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	245000	255000	96	216000	294000	10/24/2024	13:43	LB133110
	Antimony	0.022			-50	50	10/24/2024	13:43	LB133110
	Arsenic	4.95			-20	20	10/24/2024	13:43	LB133110
	Barium	3.29	6.0	55	-94	106	10/24/2024	13:43	LB133110
	Beryllium	1.29			-6	6	10/24/2024	13:43	LB133110
	Cadmium	3.37	1.0	337	-5	7	10/24/2024	13:43	LB133110
	Calcium	227000	245000	93	208000	282000	10/24/2024	13:43	LB133110
	Chromium	55.4	52.0	106	42	62	10/24/2024	13:43	LB133110
	Cobalt	2.27			-30	30	10/24/2024	13:43	LB133110
	Copper	8.59	2.0	430	-18	22	10/24/2024	13:43	LB133110
	Iron	101000	101000	100	85600	116500	10/24/2024	13:43	LB133110
	Lead	9.27			-12	12	10/24/2024	13:43	LB133110
	Magnesium	246000	255000	96	216000	294000	10/24/2024	13:43	LB133110
	Manganese	3.89	7.0	56	-13	27	10/24/2024	13:43	LB133110
	Nickel	2.59	2.0	130	-38	42	10/24/2024	13:43	LB133110
	Potassium	-36.7			0	0	10/24/2024	13:43	LB133110
	Selenium	-16.1			-20	20	10/24/2024	13:43	LB133110
	Silver	0.37			-10	10	10/24/2024	13:43	LB133110
	Sodium	4.15			0	0	10/24/2024	13:43	LB133110
	Thallium	3.67			-40	40	10/24/2024	13:43	LB133110
	Vanadium	5.91			-40	40	10/24/2024	13:43	LB133110
	Zinc	5.89			-40	40	10/24/2024	13:43	LB133110
ICSAB01	Aluminum	256000	247000	104	209000	285000	10/24/2024	13:54	LB133110
	Antimony	643	618	104	525	711	10/24/2024	13:54	LB133110
	Arsenic	111	104	107	88.4	120	10/24/2024	13:54	LB133110
	Barium	488	537	91	437	637	10/24/2024	13:54	LB133110
	Beryllium	482	495	97	420	570	10/24/2024	13:54	LB133110
	Cadmium	981	972	101	826	1120	10/24/2024	13:54	LB133110
	Calcium	232000	235000	99	199000	271000	10/24/2024	13:54	LB133110
	Chromium	565	542	104	460	624	10/24/2024	13:54	LB133110
	Cobalt	527	476	111	404	548	10/24/2024	13:54	LB133110
	Copper	518	511	101	434	588	10/24/2024	13:54	LB133110
	Iron	104000	99300	105	84400	114500	10/24/2024	13:54	LB133110
	Lead	57.7	49.0	118	37	61	10/24/2024	13:54	LB133110
	Magnesium	249000	248000	100	210000	286000	10/24/2024	13:54	LB133110
	Manganese	471	507	93	430	584	10/24/2024	13:54	LB133110
	Nickel	1040	954	109	810	1100	10/24/2024	13:54	LB133110
	Potassium	-31.8			0	0	10/24/2024	13:54	LB133110
	Selenium	35.0	46.0	76	26	66	10/24/2024	13:54	LB133110
	Silver	230	201	114	170	232	10/24/2024	13:54	LB133110
	Sodium	-3.02			0	0	10/24/2024	13:54	LB133110
	Thallium	99.3	108	92	68	148	10/24/2024	13:54	LB133110

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Yannuzzi Group, Inc.</u>	SDG No.: <u>P4474</u>
Contract: <u>YANN01</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>P4474</u>
	SAS No.: <u>P4474</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	460	491	94	417	565	10/24/2024	13:54	LB133110
	Zinc	918	952	96	809	1095	10/24/2024	13:54	LB133110



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Yannuzzi Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>P4474</u>
contract: <u>YANN01</u>	lab code: <u>CHEM</u>	case no.: <u>P4474</u> sas no.: <u>P4474</u>
matrix: <u>Solid</u>	sample id: <u>P4486-01</u>	client id: <u>EO-03-102224MS</u>
Percent Solids for Sample: 94.3	Spiked ID: P4486-01MS	Percent Solids for Spike Sample: 94.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	2120		2300		86.6	-207		P
Antimony	mg/Kg	75 - 125	30.6		2.47	U	34.6	88		P
Arsenic	mg/Kg	75 - 125	29.4		0.93	J	34.6	82		P
Barium	mg/Kg	75 - 125	18.1		12.5		8.7	65	N	P
Beryllium	mg/Kg	75 - 125	6.76		0.15	J	8.7	76		P
Cadmium	mg/Kg	75 - 125	7.93		0.13	J	8.7	90		P
Calcium	mg/Kg	75 - 125	2760		3090		43.3	-766		P
Chromium	mg/Kg	75 - 125	17.6		3.25		17.3	83		P
Cobalt	mg/Kg	75 - 125	10.5		2.27		8.7	95		P
Copper	mg/Kg	75 - 125	18.1		7.61		13.0	81		P
Iron	mg/Kg	75 - 125	3420		3830		130	-314		P
Lead	mg/Kg	75 - 125	50.3		13.3		43.3	86		P
Magnesium	mg/Kg	75 - 125	554		627		86.6	-85		P
Manganese	mg/Kg	75 - 125	143		155		8.7	-135		P
Nickel	mg/Kg	75 - 125	24.3		3.50		21.6	96		P
Potassium	mg/Kg	75 - 125	639		272		430	85		P
Selenium	mg/Kg	75 - 125	69.5		0.99	U	86.6	80		P
Silver	mg/Kg	75 - 125	2.95		0.056	J	3.2	91		P
Sodium	mg/Kg	75 - 125	391		306		130	65	N	P
Thallium	mg/Kg	75 - 125	73.8		1.97	U	86.6	85		P
Vanadium	mg/Kg	75 - 125	14.2		4.45		13.0	75		P
Zinc	mg/Kg	75 - 125	21.7		16.1		8.7	65	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Yannuzzi Group, Inc.</u>	level:	<u>low</u>	sdg no.:	<u>P4474</u>
contract:	<u>YANN01</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4474</u>
matrix:	<u>Solid</u>	sample id:	<u>P4486-01</u>	client id:	<u>EO-03-102224MSD</u>
Percent Solids for Sample:	94.3	Spiked ID:	P4486-01MSD	Percent Solids for Spike Sample:	94.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	2180		2300		89.5	-132		P
Antimony	mg/Kg	75 - 125	31.6		2.47	U	35.8	88		P
Arsenic	mg/Kg	75 - 125	30.1		0.93	J	35.8	81		P
Barium	mg/Kg	75 - 125	18.7		12.5		8.9	70	N	P
Beryllium	mg/Kg	75 - 125	6.97		0.15	J	8.9	77		P
Cadmium	mg/Kg	75 - 125	8.16		0.13	J	8.9	90		P
Calcium	mg/Kg	75 - 125	2870		3090		44.7	-496		P
Chromium	mg/Kg	75 - 125	18.1		3.25		17.9	83		P
Cobalt	mg/Kg	75 - 125	10.8		2.27		8.9	96		P
Copper	mg/Kg	75 - 125	18.6		7.61		13.4	82		P
Iron	mg/Kg	75 - 125	3510		3830		130	-248		P
Lead	mg/Kg	75 - 125	51.9		13.3		44.7	86		P
Magnesium	mg/Kg	75 - 125	576		627		89.5	-57		P
Manganese	mg/Kg	75 - 125	148		155		8.9	-73		P
Nickel	mg/Kg	75 - 125	25.0		3.50		22.4	96		P
Potassium	mg/Kg	75 - 125	650		272		450	84		P
Selenium	mg/Kg	75 - 125	71.3		0.99	U	89.5	80		P
Silver	mg/Kg	75 - 125	3.01		0.056	J	3.4	87		P
Sodium	mg/Kg	75 - 125	396		306		130	69	N	P
Thallium	mg/Kg	75 - 125	77.1		1.97	U	89.5	86		P
Vanadium	mg/Kg	75 - 125	14.7		4.45		13.4	77		P
Zinc	mg/Kg	75 - 125	22.3		16.1		8.9	69	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Yannuzzi Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>P4474</u>
contract: <u>YANN01</u>	lab code: <u>CHEM</u>	case no.: <u>P4474</u> sas no.: <u>P4474</u>
matrix: <u>Solid</u>	sample id: <u>P4489-01</u>	client id: <u>RT-2675MS</u>
Percent Solids for Sample: 90.8	Spiked ID: P4489-01MS	Percent Solids for Spike Sample: 90.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.39		0.13		0.28	93		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Yannuzzi Group, Inc. **level:** low **sdg no.:** P4474
contract: YANN01 **lab code:** CHEM **case no.:** P4474 **sas no.:** P4474
matrix: Solid **sample id:** P4489-01 **client id:** RT-2675MSD
Percent Solids for Sample: 90.8 **Spiked ID:** P4489-01MSD **Percent Solids for Spike Sample:** 90.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.36		0.13		0.26	90		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
Matrix: Solid **Level:** LOW **Client ID:** EO-03-102224A
Sample ID: P4486-01 **Spiked ID:** P4486-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	mg/Kg	75 - 125	20.5		12.5		9.90	81		P
Sodium	mg/Kg	75 - 125	441		306		150	90		P
Zinc	mg/Kg	75 - 125	24.7		16.1		9.90	87		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Yannuzzi Group, Inc. **Level:** LOW **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
Matrix: Solid **Sample ID:** P4486-01 **Client ID:** EO-03-102224DUP
Percent Solids for Sample: 94.3 **Duplicate ID** P4486-01DUP **Percent Solids for Spike Sample:** 94.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2300		2130		8		P
Antimony	mg/Kg	20	2.47	U	2.25	U			P
Arsenic	mg/Kg	20	0.93	J	0.89	J	4		P
Barium	mg/Kg	20	12.5		11.6		7		P
Beryllium	mg/Kg	20	0.15	J	0.14	J	7		P
Cadmium	mg/Kg	20	0.13	J	0.13	J	1		P
Calcium	mg/Kg	20	3090		2870		7		P
Chromium	mg/Kg	20	3.25		2.98		9		P
Cobalt	mg/Kg	20	2.27		2.10		8		P
Copper	mg/Kg	20	7.61		7.18		6		P
Iron	mg/Kg	20	3830		3470		10		P
Lead	mg/Kg	20	13.3		12.3		8		P
Magnesium	mg/Kg	20	627		516		19		P
Manganese	mg/Kg	20	155		143		8		P
Nickel	mg/Kg	20	3.50		3.24		8		P
Potassium	mg/Kg	20	272		245		10		P
Selenium	mg/Kg	20	0.99	U	0.90	U			P
Silver	mg/Kg	20	0.056	J	0.45	U	200.0		P
Sodium	mg/Kg	20	306		280		9		P
Thallium	mg/Kg	20	1.97	U	1.80	U			P
Vanadium	mg/Kg	20	4.45		4.13		7		P
Zinc	mg/Kg	20	16.1		14.7		9		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Yannuzzi Group, Inc. **Level:** LOW **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474
Matrix: Solid **Sample ID:** P4486-01MS **Client ID:** EO-03-102224MSD
Percent Solids for Sample: 94.3 **Duplicate ID** P4486-01MSD **Percent Solids for Spike Sample:** 94.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2120		2180		3		P
Antimony	mg/Kg	20	30.6		31.6		3		P
Arsenic	mg/Kg	20	29.4		30.1		2		P
Barium	mg/Kg	20	18.1		18.7		3		P
Beryllium	mg/Kg	20	6.76		6.97		3		P
Cadmium	mg/Kg	20	7.93		8.16		3		P
Calcium	mg/Kg	20	2760		2870		4		P
Chromium	mg/Kg	20	17.6		18.1		3		P
Cobalt	mg/Kg	20	10.5		10.8		3		P
Copper	mg/Kg	20	18.1		18.6		3		P
Iron	mg/Kg	20	3420		3510		3		P
Lead	mg/Kg	20	50.3		51.9		3		P
Magnesium	mg/Kg	20	554		576		4		P
Manganese	mg/Kg	20	143		148		3		P
Nickel	mg/Kg	20	24.3		25.0		3		P
Potassium	mg/Kg	20	639		650		2		P
Selenium	mg/Kg	20	69.5		71.3		3		P
Silver	mg/Kg	20	2.95		3.01		2		P
Sodium	mg/Kg	20	391		396		1		P
Thallium	mg/Kg	20	73.8		77.1		4		P
Vanadium	mg/Kg	20	14.2		14.7		3		P
Zinc	mg/Kg	20	21.7		22.3		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Yannuzzi Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4474</u>
Contract:	<u>YANN01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4474</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4489-01</u>	Client ID:	<u>RT-2675DUP</u>
Percent Solids for Sample:	90.8	Duplicate ID	P4489-01DUP	Percent Solids for Spike Sample:	90.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.13		0.12		6		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Yannuzzi Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>P4474</u>
Contract:	<u>YANN01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P4474</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P4489-01MS</u>	Client ID:	<u>RT-2675MSD</u>
Percent Solids for Sample:	90.8	Duplicate ID	P4489-01MSD	Percent Solids for Spike Sample:	90.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.39		0.36		7		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Yannuzzi Group, Inc. **SDG No.:** P4474
Contract: YANN01 **Lab Code:** CHEM **Case No.:** P4474 **SAS No.:** P4474

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164320BS							
Aluminum	mg/Kg	90.1	86.0		95	80 - 120	P
Antimony	mg/Kg	36.0	35.8		99	80 - 120	P
Arsenic	mg/Kg	36.0	33.5		93	80 - 120	P
Barium	mg/Kg	9.0	8.29		92	80 - 120	P
Beryllium	mg/Kg	9.0	8.36		93	80 - 120	P
Cadmium	mg/Kg	9.0	8.19		91	80 - 120	P
Calcium	mg/Kg	45.0	44.2	J	98	80 - 120	P
Chromium	mg/Kg	18.0	17.8		99	80 - 120	P
Cobalt	mg/Kg	9.0	8.89		99	80 - 120	P
Copper	mg/Kg	13.5	14.2		105	80 - 120	P
Iron	mg/Kg	140	136		97	80 - 120	P
Lead	mg/Kg	45.0	42.1		94	80 - 120	P
Magnesium	mg/Kg	90.1	79.5	J	88	80 - 120	P
Manganese	mg/Kg	9.0	8.36		93	80 - 120	P
Nickel	mg/Kg	22.5	22.4		100	80 - 120	P
Potassium	mg/Kg	450	460		102	80 - 120	P
Selenium	mg/Kg	90.1	85.5		95	80 - 120	P
Silver	mg/Kg	3.4	3.50		103	80 - 120	P
Sodium	mg/Kg	140	130		93	80 - 120	P
Thallium	mg/Kg	90.1	85.1		94	80 - 120	P
Vanadium	mg/Kg	13.5	12.1		90	80 - 120	P
Zinc	mg/Kg	9.0	9.63		107	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB164361BS Mercury	mg/Kg	0.27	0.27		99	80 - 124	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

EO-03-102224L

Lab Name: Chemtech Consulting Group

Contract: YANN01

Lab Code: CHEM Lb No.: lb133110 Lab Sample ID : P4486-01L SDG No.: P4474

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
Aluminum	2300		2660		16		P
Antimony	2.47	U	12.3	U			P
Arsenic	0.93	J	4.93	U	100.0		P
Barium	12.5		14.4	J	15		P
Beryllium	0.15	J	0.19	J	25		P
Cadmium	0.13	J	0.085	J	35		P
Calcium	3090		3640		18		P
Chromium	3.25		3.82		17		P
Cobalt	2.27		2.35	J	4		P
Copper	7.61		9.26		22		P
Iron	3830		4340		13		P
Lead	13.3		14.4		8		P
Magnesium	627		663		6		P
Manganese	155		185		20		P
Nickel	3.50		3.60	J	3		P
Potassium	272		297	J	9		P
Selenium	0.99	U	4.93	U			P
Silver	0.056	J	2.47	U	100.0		P
Sodium	306		335	J	9		P
Thallium	1.97	U	9.86	U			P
Vanadium	4.45		4.92	J	11		P
Zinc	16.1		18.5		15		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

RT-2675L

Lab Name: Chemtech Consulting Group

Contract: YANN01

Lab Code: CHEM **Lb No.:** lb133088

Lab Sample ID : P4489-01L **SDG No.:** P4474

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	0.13	0.14	4		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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 INTERELEMEN CORRECTION FACTORS

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

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 INTERELEMENT CORRECTION FACTORS

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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 INTERELEMENT CORRECTION FACTORS

Client: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement 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: Yannuzzi Group, Inc.

SDG No.: P4474

Contract: YANN01

Lab Code: CHEM

Case No.: P4474

SAS No.: P4474

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

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Yannuzzi Group, Inc.</u>	SDG No.:	<u>P4474</u>
Contract:	<u>YANN01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P4474</u>
		SAS No.:	<u>P4474</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164320							
P4474-01	TS-2	SAM	SOLID	10/23/2024	2.28	100.0	48.20
P4486-01DUP	EO-03-102224DUP	DUP	SOLID	10/23/2024	2.36	100.0	94.30
P4486-01MS	EO-03-102224MS	MS	SOLID	10/23/2024	2.45	100.0	94.30
P4486-01MSD	EO-03-102224MSD	MSD	SOLID	10/23/2024	2.37	100.0	94.30
PB164320BL	PB164320BL	MB	SOLID	10/23/2024	2.22	100.0	100.00
PB164320BS	PB164320BS	LCS	SOLID	10/23/2024	2.22	100.0	100.00

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>Yannuzzi Group, Inc.</u>	SDG No.:	<u>P4474</u>
Contract:	<u>YANN01</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P4474</u>
		SAS No.:	<u>P4474</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB164361							
P4474-01	TS-2	SAM	SOLID	10/24/2024	0.53	35.0	48.20
P4489-01DUP	RT-2675DUP	DUP	SOLID	10/24/2024	0.55	35.0	90.80
P4489-01MS	RT-2675MS	MS	SOLID	10/24/2024	0.55	35.0	90.80
P4489-01MSD	RT-2675MSD	MSD	SOLID	10/24/2024	0.59	35.0	90.80
PB164361BL	PB164361BL	MB	SOLID	10/24/2024	0.56	35.0	100.00
PB164361BS	PB164361BS	LCS	SOLID	10/24/2024	0.52	35.0	100.00

metals
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ANALYSIS RUN LOG

Client: Yannuzzi Group, Inc. **Contract:** YANN01

Lab code: CHEM **Case no.:** P4474 **Sas no.:** P4474 **Sdg no.:** P4474

Instrument id number: **Method:** **Run number:** LB133088

Start date: 10/24/2024 **End date:** 10/24/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0828	HG
S0.2	S0.2	1	0831	HG
S2.5	S2.5	1	0833	HG
S5	S5	1	0835	HG
S7.5	S7.5	1	0837	HG
S10	S10	1	0840	HG
ICV50	ICV50	1	0843	HG
ICB50	ICB50	1	0845	HG
CCV62	CCV62	1	0847	HG
CCB62	CCB62	1	0850	HG
CRA	CRA	1	0852	HG
PB164361BL	PB164361BL	1	0901	HG
PB164361BS	PB164361BS	1	0904	HG
P4474-01	TS-2	1	0913	HG
CCV63	CCV63	1	0920	HG
CCB63	CCB63	1	0922	HG
P4489-01DUP	RT-2675DUP	1	0931	HG
P4489-01MS	RT-2675MS	1	0936	HG
P4489-01MSD	RT-2675MSD	1	0941	HG
CCV64	CCV64	1	0953	HG
CCB64	CCB64	1	0955	HG
P4489-01L	RT-2675L	5	1019	HG
CCV65	CCV65	1	1024	HG
CCB65	CCB65	1	1026	HG

metals
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ANALYSIS RUN LOG

Client: Yannuzzi Group, Inc. **Contract:** YANN01

Lab code: CHEM **Case no.:** P4474 **Sas no.:** P4474 **Sdg no.:** P4474

Instrument id number: **Method:** **Run number:** LB133110

Start date: 10/24/2024 **End date:** 10/25/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1214	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	1218	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	1223	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	1227	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	1231	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	1235	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	1326	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	1330	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	1334	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	1338	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	1343	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	1354	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	1406	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	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4474-01	TS-2	1	1444	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	1453	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	1457	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	1506	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	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4486-01DUP	EO-03-102224DUP	1	1521	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4486-01L	EO-03-102224L	5	1525	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4486-01MS	EO-03-102224MS	1	1529	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4486-01MSD	EO-03-102224MSD	1	1533	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P4486-01A	EO-03-102224A	1	1537	Ba,Na,Zn
PB164320BL	PB164320BL	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB164320BS	PB164320BS	1	1554	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	1558	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	1602	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1655	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	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1746	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1837	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1841	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1932	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1945	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2031	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2036	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2215	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Yannuzzi Group, Inc. **Contract:** YANN01

Lab code: CHEM **Case no.:** P4474 **Sas no.:** P4474 **Sdg no.:** P4474

Instrument id number: **Method:** **Run number:** LB133110

Start date: 10/24/2024 **End date:** 10/25/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB11	CCB11	1	2220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	2309	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV13	CCV13	1	2358	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB13	CCB13	1	0002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV14	CCV14	1	0052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB14	CCB14	1	0056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV15	CCV15	1	0145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB15	CCB15	1	0150	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV16	CCV16	1	0244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB16	CCB16	1	0248	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn