

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

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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

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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

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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

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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

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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

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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

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
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
	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
CCV13	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