

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822
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
ICV84	Mercury	3.81	4.0	95	90 - 110	CV	11/13/2024	12:14	LB133424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822
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
CCV79	Mercury	4.88	5.0	98	90 - 110	CV	11/13/2024	12:21	LB133424
CCV80	Mercury	4.59	5.0	92	90 - 110	CV	11/13/2024	12:58	LB133424
CCV81	Mercury	4.83	5.0	97	90 - 110	CV	11/13/2024	13:34	LB133424
CCV82	Mercury	4.82	5.0	96	90 - 110	CV	11/13/2024	14:05	LB133424

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822
Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822
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	2580	2500	103	90 - 110	P	11/14/2024	13:58	LB133457
	Antimony	1000	1000	100	90 - 110	P	11/14/2024	13:58	LB133457
	Arsenic	1040	1000	104	90 - 110	P	11/14/2024	13:58	LB133457
	Barium	520	520	100	90 - 110	P	11/14/2024	13:58	LB133457
	Beryllium	521	510	102	90 - 110	P	11/14/2024	13:58	LB133457
	Cadmium	508	510	100	90 - 110	P	11/14/2024	13:58	LB133457
	Calcium	10300	10000	103	90 - 110	P	11/14/2024	13:58	LB133457
	Chromium	533	520	102	90 - 110	P	11/14/2024	13:58	LB133457
	Cobalt	516	520	99	90 - 110	P	11/14/2024	13:58	LB133457
	Copper	532	510	104	90 - 110	P	11/14/2024	13:58	LB133457
	Iron	9960	10000	100	90 - 110	P	11/14/2024	13:58	LB133457
	Lead	1020	1000	102	90 - 110	P	11/14/2024	13:58	LB133457
	Magnesium	6020	6000	100	90 - 110	P	11/14/2024	13:58	LB133457
	Manganese	526	520	101	90 - 110	P	11/14/2024	13:58	LB133457
	Nickel	520	530	98	90 - 110	P	11/14/2024	13:58	LB133457
	Potassium	9810	9900	99	90 - 110	P	11/14/2024	13:58	LB133457
	Selenium	1040	1000	104	90 - 110	P	11/14/2024	13:58	LB133457
	Silver	255	250	102	90 - 110	P	11/14/2024	13:58	LB133457
	Sodium	9490	10000	95	90 - 110	P	11/14/2024	13:58	LB133457
	Thallium	1060	1000	106	90 - 110	P	11/14/2024	13:58	LB133457
	Vanadium	507	500	102	90 - 110	P	11/14/2024	13:58	LB133457
	Zinc	1050	1000	105	90 - 110	P	11/14/2024	13:58	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	94.9	100	95	80 - 120	P	11/14/2024	14:10	LB133457
	Antimony	45.5	50.0	91	80 - 120	P	11/14/2024	14:10	LB133457
	Arsenic	20.1	20.0	101	80 - 120	P	11/14/2024	14:10	LB133457
	Barium	94.7	100	95	80 - 120	P	11/14/2024	14:10	LB133457
	Beryllium	5.56	6.0	93	80 - 120	P	11/14/2024	14:10	LB133457
	Cadmium	6.49	6.0	108	80 - 120	P	11/14/2024	14:10	LB133457
	Calcium	1920	2000	96	80 - 120	P	11/14/2024	14:10	LB133457
	Chromium	9.23	10.0	92	80 - 120	P	11/14/2024	14:10	LB133457
	Cobalt	27.6	30.0	92	80 - 120	P	11/14/2024	14:10	LB133457
	Copper	20.5	20.0	103	80 - 120	P	11/14/2024	14:10	LB133457
	Iron	93.0	100	93	80 - 120	P	11/14/2024	14:10	LB133457
	Lead	10.8	12.0	90	80 - 120	P	11/14/2024	14:10	LB133457
	Magnesium	1910	2000	96	80 - 120	P	11/14/2024	14:10	LB133457
	Manganese	19.5	20.0	98	80 - 120	P	11/14/2024	14:10	LB133457
	Nickel	36.5	40.0	91	80 - 120	P	11/14/2024	14:10	LB133457
	Potassium	1780	2000	89	80 - 120	P	11/14/2024	14:10	LB133457
	Selenium	17.4	20.0	87	80 - 120	P	11/14/2024	14:10	LB133457
	Silver	9.68	10.0	97	80 - 120	P	11/14/2024	14:10	LB133457
	Sodium	1600	2000	80	80 - 120	P	11/14/2024	14:10	LB133457
	Thallium	37.7	40.0	94	80 - 120	P	11/14/2024	14:10	LB133457
	Vanadium	37.6	40.0	94	80 - 120	P	11/14/2024	14:10	LB133457
	Zinc	40.3	40.0	101	80 - 120	P	11/14/2024	14:10	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	10200	10000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Antimony	5080	5000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Arsenic	5030	5000	100	90 - 110	P	11/14/2024	15:22	LB133457
	Barium	10200	10000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Beryllium	251	250	100	90 - 110	P	11/14/2024	15:22	LB133457
	Cadmium	2490	2500	100	90 - 110	P	11/14/2024	15:22	LB133457
	Calcium	25200	25000	101	90 - 110	P	11/14/2024	15:22	LB133457
	Chromium	1020	1000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Cobalt	2490	2500	100	90 - 110	P	11/14/2024	15:22	LB133457
	Copper	1270	1250	102	90 - 110	P	11/14/2024	15:22	LB133457
	Iron	5030	5000	101	90 - 110	P	11/14/2024	15:22	LB133457
	Lead	4980	5000	100	90 - 110	P	11/14/2024	15:22	LB133457
	Magnesium	25400	25000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Manganese	2490	2500	100	90 - 110	P	11/14/2024	15:22	LB133457
	Nickel	2500	2500	100	90 - 110	P	11/14/2024	15:22	LB133457
	Potassium	25400	25000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Selenium	5080	5000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Silver	1260	1250	101	90 - 110	P	11/14/2024	15:22	LB133457
	Sodium	25600	25000	102	90 - 110	P	11/14/2024	15:22	LB133457
	Thallium	4990	5000	100	90 - 110	P	11/14/2024	15:22	LB133457
	Vanadium	2530	2500	101	90 - 110	P	11/14/2024	15:22	LB133457
	Zinc	2560	2500	103	90 - 110	P	11/14/2024	15:22	LB133457
CCV02	Aluminum	9350	10000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Antimony	4690	5000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Arsenic	4660	5000	93	90 - 110	P	11/14/2024	15:35	LB133457
	Barium	9380	10000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Beryllium	238	250	95	90 - 110	P	11/14/2024	15:35	LB133457
	Cadmium	2340	2500	94	90 - 110	P	11/14/2024	15:35	LB133457
	Calcium	23500	25000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Chromium	952	1000	95	90 - 110	P	11/14/2024	15:35	LB133457
	Cobalt	2340	2500	93	90 - 110	P	11/14/2024	15:35	LB133457
	Copper	1180	1250	95	90 - 110	P	11/14/2024	15:35	LB133457
	Iron	4670	5000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Lead	4680	5000	94	90 - 110	P	11/14/2024	15:35	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	23300	25000	93	90 - 110	P	11/14/2024	15:35	LB133457
	Manganese	2350	2500	94	90 - 110	P	11/14/2024	15:35	LB133457
	Nickel	2340	2500	94	90 - 110	P	11/14/2024	15:35	LB133457
	Potassium	23000	25000	92	90 - 110	P	11/14/2024	15:35	LB133457
	Selenium	4660	5000	93	90 - 110	P	11/14/2024	15:35	LB133457
	Silver	1180	1250	94	90 - 110	P	11/14/2024	15:35	LB133457
	Sodium	23400	25000	93	90 - 110	P	11/14/2024	15:35	LB133457
	Thallium	4730	5000	94	90 - 110	P	11/14/2024	15:35	LB133457
	Vanadium	2340	2500	94	90 - 110	P	11/14/2024	15:35	LB133457
	Zinc	2370	2500	95	90 - 110	P	11/14/2024	15:35	LB133457
CCV03	Aluminum	9840	10000	98	90 - 110	P	11/14/2024	16:27	LB133457
	Antimony	5140	5000	103	90 - 110	P	11/14/2024	16:27	LB133457
	Arsenic	5110	5000	102	90 - 110	P	11/14/2024	16:27	LB133457
	Barium	9600	10000	96	90 - 110	P	11/14/2024	16:27	LB133457
	Beryllium	245	250	98	90 - 110	P	11/14/2024	16:27	LB133457
	Cadmium	2540	2500	102	90 - 110	P	11/14/2024	16:27	LB133457
	Calcium	24300	25000	97	90 - 110	P	11/14/2024	16:27	LB133457
	Chromium	1020	1000	102	90 - 110	P	11/14/2024	16:27	LB133457
	Cobalt	2540	2500	102	90 - 110	P	11/14/2024	16:27	LB133457
	Copper	1300	1250	104	90 - 110	P	11/14/2024	16:27	LB133457
	Iron	4940	5000	99	90 - 110	P	11/14/2024	16:27	LB133457
	Lead	5090	5000	102	90 - 110	P	11/14/2024	16:27	LB133457
	Magnesium	24200	25000	97	90 - 110	P	11/14/2024	16:27	LB133457
	Manganese	2400	2500	96	90 - 110	P	11/14/2024	16:27	LB133457
	Nickel	2550	2500	102	90 - 110	P	11/14/2024	16:27	LB133457
	Potassium	24700	25000	99	90 - 110	P	11/14/2024	16:27	LB133457
	Selenium	5130	5000	103	90 - 110	P	11/14/2024	16:27	LB133457
	Silver	1250	1250	100	90 - 110	P	11/14/2024	16:27	LB133457
	Sodium	24700	25000	99	90 - 110	P	11/14/2024	16:27	LB133457
	Thallium	5050	5000	101	90 - 110	P	11/14/2024	16:27	LB133457
	Vanadium	2450	2500	98	90 - 110	P	11/14/2024	16:27	LB133457
	Zinc	2540	2500	102	90 - 110	P	11/14/2024	16:27	LB133457
CCV04	Aluminum	9510	10000	95	90 - 110	P	11/14/2024	17:23	LB133457
	Antimony	4720	5000	94	90 - 110	P	11/14/2024	17:23	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	4730	5000	94	90 - 110	P	11/14/2024	17:23	LB133457
	Barium	9470	10000	95	90 - 110	P	11/14/2024	17:23	LB133457
	Beryllium	243	250	97	90 - 110	P	11/14/2024	17:23	LB133457
	Cadmium	2380	2500	95	90 - 110	P	11/14/2024	17:23	LB133457
	Calcium	23900	25000	96	90 - 110	P	11/14/2024	17:23	LB133457
	Chromium	962	1000	96	90 - 110	P	11/14/2024	17:23	LB133457
	Cobalt	2380	2500	95	90 - 110	P	11/14/2024	17:23	LB133457
	Copper	1190	1250	95	90 - 110	P	11/14/2024	17:23	LB133457
	Iron	4720	5000	94	90 - 110	P	11/14/2024	17:23	LB133457
	Lead	4770	5000	95	90 - 110	P	11/14/2024	17:23	LB133457
	Magnesium	23700	25000	95	90 - 110	P	11/14/2024	17:23	LB133457
	Manganese	2370	2500	95	90 - 110	P	11/14/2024	17:23	LB133457
	Nickel	2390	2500	95	90 - 110	P	11/14/2024	17:23	LB133457
	Potassium	23200	25000	93	90 - 110	P	11/14/2024	17:23	LB133457
	Selenium	4710	5000	94	90 - 110	P	11/14/2024	17:23	LB133457
	Silver	1190	1250	95	90 - 110	P	11/14/2024	17:23	LB133457
	Sodium	23500	25000	94	90 - 110	P	11/14/2024	17:23	LB133457
	Thallium	4920	5000	98	90 - 110	P	11/14/2024	17:23	LB133457
	Vanadium	2380	2500	95	90 - 110	P	11/14/2024	17:23	LB133457
	Zinc	2410	2500	96	90 - 110	P	11/14/2024	17:23	LB133457
CCV05	Aluminum	9910	10000	99	90 - 110	P	11/14/2024	18:12	LB133457
	Antimony	4890	5000	98	90 - 110	P	11/14/2024	18:12	LB133457
	Arsenic	4900	5000	98	90 - 110	P	11/14/2024	18:12	LB133457
	Barium	9970	10000	100	90 - 110	P	11/14/2024	18:12	LB133457
	Beryllium	253	250	101	90 - 110	P	11/14/2024	18:12	LB133457
	Cadmium	2470	2500	99	90 - 110	P	11/14/2024	18:12	LB133457
	Calcium	24900	25000	100	90 - 110	P	11/14/2024	18:12	LB133457
	Chromium	996	1000	100	90 - 110	P	11/14/2024	18:12	LB133457
	Cobalt	2470	2500	99	90 - 110	P	11/14/2024	18:12	LB133457
	Copper	1240	1250	99	90 - 110	P	11/14/2024	18:12	LB133457
	Iron	4940	5000	99	90 - 110	P	11/14/2024	18:12	LB133457
	Lead	4960	5000	99	90 - 110	P	11/14/2024	18:12	LB133457
	Magnesium	24400	25000	98	90 - 110	P	11/14/2024	18:12	LB133457
	Manganese	2490	2500	100	90 - 110	P	11/14/2024	18:12	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	2480	2500	99	90 - 110	P	11/14/2024	18:12	LB133457
	Potassium	24300	25000	97	90 - 110	P	11/14/2024	18:12	LB133457
	Selenium	4860	5000	97	90 - 110	P	11/14/2024	18:12	LB133457
	Silver	1240	1250	99	90 - 110	P	11/14/2024	18:12	LB133457
	Sodium	24800	25000	99	90 - 110	P	11/14/2024	18:12	LB133457
	Thallium	4930	5000	99	90 - 110	P	11/14/2024	18:12	LB133457
	Vanadium	2480	2500	99	90 - 110	P	11/14/2024	18:12	LB133457
	Zinc	2500	2500	100	90 - 110	P	11/14/2024	18:12	LB133457
CCV06	Aluminum	9670	10000	97	90 - 110	P	11/14/2024	19:03	LB133457
	Antimony	4750	5000	95	90 - 110	P	11/14/2024	19:03	LB133457
	Arsenic	4770	5000	95	90 - 110	P	11/14/2024	19:03	LB133457
	Barium	9920	10000	99	90 - 110	P	11/14/2024	19:03	LB133457
	Beryllium	250	250	100	90 - 110	P	11/14/2024	19:03	LB133457
	Cadmium	2400	2500	96	90 - 110	P	11/14/2024	19:03	LB133457
	Calcium	24500	25000	98	90 - 110	P	11/14/2024	19:03	LB133457
	Chromium	971	1000	97	90 - 110	P	11/14/2024	19:03	LB133457
	Cobalt	2400	2500	96	90 - 110	P	11/14/2024	19:03	LB133457
	Copper	1210	1250	96	90 - 110	P	11/14/2024	19:03	LB133457
	Iron	4840	5000	97	90 - 110	P	11/14/2024	19:03	LB133457
	Lead	4820	5000	96	90 - 110	P	11/14/2024	19:03	LB133457
	Magnesium	23900	25000	95	90 - 110	P	11/14/2024	19:03	LB133457
	Manganese	2460	2500	98	90 - 110	P	11/14/2024	19:03	LB133457
	Nickel	2410	2500	96	90 - 110	P	11/14/2024	19:03	LB133457
	Potassium	23800	25000	95	90 - 110	P	11/14/2024	19:03	LB133457
	Selenium	4720	5000	94	90 - 110	P	11/14/2024	19:03	LB133457
	Silver	1210	1250	97	90 - 110	P	11/14/2024	19:03	LB133457
	Sodium	25000	25000	100	90 - 110	P	11/14/2024	19:03	LB133457
	Thallium	4960	5000	99	90 - 110	P	11/14/2024	19:03	LB133457
	Vanadium	2430	2500	97	90 - 110	P	11/14/2024	19:03	LB133457
	Zinc	2420	2500	97	90 - 110	P	11/14/2024	19:03	LB133457
CCV07	Aluminum	9690	10000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Antimony	4850	5000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Arsenic	4840	5000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Barium	9800	10000	98	90 - 110	P	11/14/2024	19:55	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	247	250	99	90 - 110	P	11/14/2024	19:55	LB133457
	Cadmium	2420	2500	97	90 - 110	P	11/14/2024	19:55	LB133457
	Calcium	24300	25000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Chromium	980	1000	98	90 - 110	P	11/14/2024	19:55	LB133457
	Cobalt	2420	2500	97	90 - 110	P	11/14/2024	19:55	LB133457
	Copper	1230	1250	98	90 - 110	P	11/14/2024	19:55	LB133457
	Iron	4820	5000	96	90 - 110	P	11/14/2024	19:55	LB133457
	Lead	4850	5000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Magnesium	23800	25000	95	90 - 110	P	11/14/2024	19:55	LB133457
	Manganese	2420	2500	97	90 - 110	P	11/14/2024	19:55	LB133457
	Nickel	2420	2500	97	90 - 110	P	11/14/2024	19:55	LB133457
	Potassium	24000	25000	96	90 - 110	P	11/14/2024	19:55	LB133457
	Selenium	4850	5000	97	90 - 110	P	11/14/2024	19:55	LB133457
	Silver	1220	1250	97	90 - 110	P	11/14/2024	19:55	LB133457
	Sodium	25300	25000	101	90 - 110	P	11/14/2024	19:55	LB133457
	Thallium	4990	5000	100	90 - 110	P	11/14/2024	19:55	LB133457
	Vanadium	2430	2500	97	90 - 110	P	11/14/2024	19:55	LB133457
	Zinc	2450	2500	98	90 - 110	P	11/14/2024	19:55	LB133457
CCV08	Aluminum	9850	10000	98	90 - 110	P	11/14/2024	20:47	LB133457
	Antimony	4950	5000	99	90 - 110	P	11/14/2024	20:47	LB133457
	Arsenic	4920	5000	98	90 - 110	P	11/14/2024	20:47	LB133457
	Barium	9680	10000	97	90 - 110	P	11/14/2024	20:47	LB133457
	Beryllium	245	250	98	90 - 110	P	11/14/2024	20:47	LB133457
	Cadmium	2450	2500	98	90 - 110	P	11/14/2024	20:47	LB133457
	Calcium	24200	25000	97	90 - 110	P	11/14/2024	20:47	LB133457
	Chromium	1000	1000	100	90 - 110	P	11/14/2024	20:47	LB133457
	Cobalt	2450	2500	98	90 - 110	P	11/14/2024	20:47	LB133457
	Copper	1250	1250	100	90 - 110	P	11/14/2024	20:47	LB133457
	Iron	4860	5000	97	90 - 110	P	11/14/2024	20:47	LB133457
	Lead	4900	5000	98	90 - 110	P	11/14/2024	20:47	LB133457
	Magnesium	24100	25000	96	90 - 110	P	11/14/2024	20:47	LB133457
	Manganese	2380	2500	95	90 - 110	P	11/14/2024	20:47	LB133457
	Nickel	2450	2500	98	90 - 110	P	11/14/2024	20:47	LB133457
	Potassium	24600	25000	98	90 - 110	P	11/14/2024	20:47	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen **SDG No.:** P4822

Contract: BAPS03 **Lab Code:** CHEM **Case No.:** P4822 **SAS No.:** P4822

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	4960	5000	99	90 - 110	P	11/14/2024	20:47	LB133457
	Silver	1230	1250	99	90 - 110	P	11/14/2024	20:47	LB133457
	Sodium	25500	25000	102	90 - 110	P	11/14/2024	20:47	LB133457
	Thallium	4920	5000	98	90 - 110	P	11/14/2024	20:47	LB133457
	Vanadium	2440	2500	98	90 - 110	P	11/14/2024	20:47	LB133457
	Zinc	2500	2500	100	90 - 110	P	11/14/2024	20:47	LB133457
CCV09	Aluminum	9700	10000	97	90 - 110	P	11/14/2024	22:04	LB133457
	Antimony	4760	5000	95	90 - 110	P	11/14/2024	22:04	LB133457
	Arsenic	4790	5000	96	90 - 110	P	11/14/2024	22:04	LB133457
	Barium	9850	10000	98	90 - 110	P	11/14/2024	22:04	LB133457
	Beryllium	248	250	99	90 - 110	P	11/14/2024	22:04	LB133457
	Cadmium	2420	2500	97	90 - 110	P	11/14/2024	22:04	LB133457
	Calcium	24500	25000	98	90 - 110	P	11/14/2024	22:04	LB133457
	Chromium	980	1000	98	90 - 110	P	11/14/2024	22:04	LB133457
	Cobalt	2410	2500	96	90 - 110	P	11/14/2024	22:04	LB133457
	Copper	1220	1250	98	90 - 110	P	11/14/2024	22:04	LB133457
	Iron	4900	5000	98	90 - 110	P	11/14/2024	22:04	LB133457
	Lead	4830	5000	97	90 - 110	P	11/14/2024	22:04	LB133457
	Magnesium	23900	25000	96	90 - 110	P	11/14/2024	22:04	LB133457
	Manganese	2450	2500	98	90 - 110	P	11/14/2024	22:04	LB133457
	Nickel	2420	2500	97	90 - 110	P	11/14/2024	22:04	LB133457
	Potassium	24300	25000	97	90 - 110	P	11/14/2024	22:04	LB133457
	Selenium	4760	5000	95	90 - 110	P	11/14/2024	22:04	LB133457
	Silver	1210	1250	97	90 - 110	P	11/14/2024	22:04	LB133457
	Sodium	25200	25000	101	90 - 110	P	11/14/2024	22:04	LB133457
	Thallium	4880	5000	98	90 - 110	P	11/14/2024	22:04	LB133457
	Vanadium	2440	2500	98	90 - 110	P	11/14/2024	22:04	LB133457
	Zinc	2440	2500	98	90 - 110	P	11/14/2024	22:04	LB133457
CCV10	Aluminum	9610	10000	96	90 - 110	P	11/14/2024	22:58	LB133457
	Antimony	4780	5000	96	90 - 110	P	11/14/2024	22:58	LB133457
	Arsenic	4790	5000	96	90 - 110	P	11/14/2024	22:58	LB133457
	Barium	9850	10000	98	90 - 110	P	11/14/2024	22:58	LB133457
	Beryllium	245	250	98	90 - 110	P	11/14/2024	22:58	LB133457
	Cadmium	2400	2500	96	90 - 110	P	11/14/2024	22:58	LB133457

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: BAPS North Bergen SDG No.: P4822
Contract: BAPS03 Lab Code: CHEM Case No.: P4822 SAS No.: P4822
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	24000	25000	96	90 - 110	P	11/14/2024	22:58	LB133457
	Chromium	974	1000	97	90 - 110	P	11/14/2024	22:58	LB133457
	Cobalt	2400	2500	96	90 - 110	P	11/14/2024	22:58	LB133457
	Copper	1220	1250	98	90 - 110	P	11/14/2024	22:58	LB133457
	Iron	4860	5000	97	90 - 110	P	11/14/2024	22:58	LB133457
	Lead	4800	5000	96	90 - 110	P	11/14/2024	22:58	LB133457
	Magnesium	23200	25000	93	90 - 110	P	11/14/2024	22:58	LB133457
	Manganese	2430	2500	97	90 - 110	P	11/14/2024	22:58	LB133457
	Nickel	2410	2500	96	90 - 110	P	11/14/2024	22:58	LB133457
	Potassium	24400	25000	98	90 - 110	P	11/14/2024	22:58	LB133457
	Selenium	4740	5000	95	90 - 110	P	11/14/2024	22:58	LB133457
	Silver	1220	1250	97	90 - 110	P	11/14/2024	22:58	LB133457
	Sodium	25200	25000	101	90 - 110	P	11/14/2024	22:58	LB133457
	Thallium	4850	5000	97	90 - 110	P	11/14/2024	22:58	LB133457
	Vanadium	2420	2500	97	90 - 110	P	11/14/2024	22:58	LB133457
	Zinc	2710	2500	109	90 - 110	P	11/14/2024	22:58	LB133457