

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: First Environment, Inc. **SDG No.:** Q2072
Contract: FIRS02 **Lab Code:** CHEM **Case No.:** Q2072 **SAS No.:** Q2072
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	Iron	10400	10000	104	90 - 110	P	05/21/2025	13:19	LB135868
	Sodium	10100	10000	101	90 - 110	P	05/21/2025	13:19	LB135868

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Iron	105	100	105	80 - 120	P	05/21/2025	13:29	LB135868
	Sodium	1900	2000	95	80 - 120	P	05/21/2025	13:29	LB135868

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Iron	5060	5000	101	90 - 110	P	05/21/2025	14:09	LB135868
	Sodium	25300	25000	101	90 - 110	P	05/21/2025	14:09	LB135868
CCV02	Iron	4930	5000	99	90 - 110	P	05/21/2025	15:00	LB135868
	Sodium	24000	25000	96	90 - 110	P	05/21/2025	15:00	LB135868
CCV03	Iron	4860	5000	97	90 - 110	P	05/21/2025	16:02	LB135868
	Sodium	23600	25000	94	90 - 110	P	05/21/2025	16:02	LB135868
CCV04	Iron	4790	5000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Sodium	23500	25000	94	90 - 110	P	05/21/2025	17:27	LB135868
CCV05	Iron	4870	5000	97	90 - 110	P	05/21/2025	18:16	LB135868
	Sodium	23400	25000	94	90 - 110	P	05/21/2025	18:16	LB135868
CCV06	Iron	4970	5000	99	90 - 110	P	05/21/2025	19:08	LB135868
	Sodium	23600	25000	95	90 - 110	P	05/21/2025	19:08	LB135868
CCV07	Iron	4920	5000	98	90 - 110	P	05/21/2025	19:57	LB135868
	Sodium	23600	25000	94	90 - 110	P	05/21/2025	19:57	LB135868
CCV08	Iron	4720	5000	94	90 - 110	P	05/21/2025	20:43	LB135868
	Sodium	22600	25000	90	90 - 110	P	05/21/2025	20:43	LB135868
CCV09	Iron	4750	5000	95	90 - 110	P	05/21/2025	21:29	LB135868
	Sodium	22400	25000	90	90 - 110	P	05/21/2025	21:29	LB135868
CCV10	Iron	4730	5000	95	90 - 110	P	05/21/2025	21:50	LB135868
	Sodium	22500	25000	90	90 - 110	P	05/21/2025	21:50	LB135868

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Iron	9400	10000	94	90 - 110	P	05/28/2025	12:37	LB135935
	Sodium	9550	10000	96	90 - 110	P	05/28/2025	12:37	LB135935

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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	Iron	100	100	100	80 - 120	P	05/28/2025	12:41	LB135935
	Sodium	1630	2000	81	80 - 120	P	05/28/2025	12:41	LB135935

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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
CCV01	Iron	4760	5000	95	90 - 110	P	05/28/2025	13:21	LB135935
	Sodium	23800	25000	95	90 - 110	P	05/28/2025	13:21	LB135935
CCV02	Iron	5050	5000	101	90 - 110	P	05/28/2025	14:06	LB135935
	Sodium	25600	25000	103	90 - 110	P	05/28/2025	14:06	LB135935
CCV03	Iron	4680	5000	94	90 - 110	P	05/28/2025	14:52	LB135935
	Sodium	23600	25000	94	90 - 110	P	05/28/2025	14:52	LB135935
CCV04	Iron	5300	5000	106	90 - 110	P	05/28/2025	15:45	LB135935
	Sodium	26500	25000	106	90 - 110	P	05/28/2025	15:45	LB135935
CCV05	Iron	5000	5000	100	90 - 110	P	05/28/2025	16:38	LB135935
	Sodium	25100	25000	100	90 - 110	P	05/28/2025	16:38	LB135935
CCV06	Iron	5020	5000	100	90 - 110	P	05/28/2025	18:01	LB135935
	Sodium	24200	25000	97	90 - 110	P	05/28/2025	18:01	LB135935
CCV07	Iron	5290	5000	106	90 - 110	P	05/28/2025	18:51	LB135935
	Sodium	26400	25000	106	90 - 110	P	05/28/2025	18:51	LB135935
CCV08	Iron	5270	5000	106	90 - 110	P	05/28/2025	19:37	LB135935
	Sodium	26600	25000	106	90 - 110	P	05/28/2025	19:37	LB135935
CCV09	Iron	5210	5000	104	90 - 110	P	05/28/2025	20:22	LB135935
	Sodium	26100	25000	104	90 - 110	P	05/28/2025	20:22	LB135935
CCV10	Iron	5060	5000	101	90 - 110	P	05/28/2025	21:09	LB135935
	Sodium	24700	25000	99	90 - 110	P	05/28/2025	21:09	LB135935
CCV11	Iron	5000	5000	100	90 - 110	P	05/28/2025	22:15	LB135935
	Sodium	24500	25000	98	90 - 110	P	05/28/2025	22:15	LB135935