

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2134
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2134 **SAS No.:** Q2134
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	10100	10000	100	90 - 110	P	06/02/2025	12:37	LB135981
	Manganese	516	520	99	90 - 110	P	06/02/2025	12:37	LB135981
	Sodium	9470	10000	95	90 - 110	P	06/02/2025	12:37	LB135981

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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	102	100	102	80 - 120	P	06/02/2025	12:59	LB135981
	Manganese	20.4	20.0	102	80 - 120	P	06/02/2025	12:59	LB135981
	Sodium	1720	2000	86	80 - 120	P	06/02/2025	12:59	LB135981

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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	5070	5000	101	90 - 110	P	06/02/2025	14:14	LB135981
	Manganese	2460	2500	98	90 - 110	P	06/02/2025	14:14	LB135981
	Sodium	25500	25000	102	90 - 110	P	06/02/2025	14:14	LB135981
CCV02	Iron	4790	5000	96	90 - 110	P	06/02/2025	15:11	LB135981
	Manganese	2470	2500	99	90 - 110	P	06/02/2025	15:11	LB135981
	Sodium	23600	25000	94	90 - 110	P	06/02/2025	15:11	LB135981
CCV03	Iron	4860	5000	97	90 - 110	P	06/02/2025	15:58	LB135981
	Manganese	2390	2500	96	90 - 110	P	06/02/2025	15:58	LB135981
	Sodium	24600	25000	98	90 - 110	P	06/02/2025	15:58	LB135981
CCV04	Iron	4730	5000	95	90 - 110	P	06/02/2025	16:49	LB135981
	Manganese	2390	2500	96	90 - 110	P	06/02/2025	16:49	LB135981
	Sodium	22900	25000	92	90 - 110	P	06/02/2025	16:49	LB135981
CCV05	Iron	4810	5000	96	90 - 110	P	06/02/2025	17:38	LB135981
	Manganese	2330	2500	93	90 - 110	P	06/02/2025	17:38	LB135981
	Sodium	23600	25000	94	90 - 110	P	06/02/2025	17:38	LB135981
CCV06	Iron	5170	5000	103	90 - 110	P	06/02/2025	18:24	LB135981
	Manganese	2370	2500	95	90 - 110	P	06/02/2025	18:24	LB135981
	Sodium	25500	25000	102	90 - 110	P	06/02/2025	18:24	LB135981
CCV07	Iron	4830	5000	97	90 - 110	P	06/02/2025	19:11	LB135981
	Manganese	2380	2500	95	90 - 110	P	06/02/2025	19:11	LB135981
	Sodium	23700	25000	95	90 - 110	P	06/02/2025	19:11	LB135981
CCV08	Iron	4930	5000	99	90 - 110	P	06/02/2025	19:57	LB135981
	Manganese	2400	2500	96	90 - 110	P	06/02/2025	19:57	LB135981
	Sodium	24100	25000	96	90 - 110	P	06/02/2025	19:57	LB135981
CCV09	Iron	4890	5000	98	90 - 110	P	06/02/2025	20:45	LB135981
	Manganese	2410	2500	96	90 - 110	P	06/02/2025	20:45	LB135981
	Sodium	24000	25000	96	90 - 110	P	06/02/2025	20:45	LB135981
CCV10	Iron	23.4	5000	0	90 - 110	P	06/02/2025	21:06	LB135981
	Manganese	5.94	2500	0	90 - 110	P	06/02/2025	21:06	LB135981
	Sodium	868	25000	0	90 - 110	P	06/02/2025	21:06	LB135981

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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	9500	10000	95	90 - 110	P	06/03/2025	13:57	LB135993
	Manganese	504	520	97	90 - 110	P	06/03/2025	13:57	LB135993
	Sodium	9300	10000	93	90 - 110	P	06/03/2025	13:57	LB135993

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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	112	100	112	80 - 120	P	06/03/2025	14:11	LB135993
	Manganese	18.7	20.0	93	80 - 120	P	06/03/2025	14:11	LB135993
	Sodium	1750	2000	87	80 - 120	P	06/03/2025	14:11	LB135993

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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	5010	5000	100	90 - 110	P	06/03/2025	15:28	LB135993
	Manganese	2370	2500	95	90 - 110	P	06/03/2025	15:28	LB135993
	Sodium	24500	25000	98	90 - 110	P	06/03/2025	15:28	LB135993
CCV02	Iron	4680	5000	94	90 - 110	P	06/03/2025	16:16	LB135993
	Manganese	2310	2500	92	90 - 110	P	06/03/2025	16:16	LB135993
	Sodium	22600	25000	90	90 - 110	P	06/03/2025	16:16	LB135993
CCV03	Iron	4830	5000	96	90 - 110	P	06/03/2025	17:06	LB135993
	Manganese	2300	2500	92	90 - 110	P	06/03/2025	17:06	LB135993
	Sodium	23400	25000	94	90 - 110	P	06/03/2025	17:06	LB135993
CCV04	Iron	5080	5000	102	90 - 110	P	06/03/2025	18:57	LB135993
	Manganese	2310	2500	92	90 - 110	P	06/03/2025	18:57	LB135993
	Sodium	24700	25000	99	90 - 110	P	06/03/2025	18:57	LB135993
CCV05	Iron	4800	5000	96	90 - 110	P	06/03/2025	19:35	LB135993
	Manganese	2290	2500	92	90 - 110	P	06/03/2025	19:35	LB135993
	Sodium	23300	25000	93	90 - 110	P	06/03/2025	19:35	LB135993