

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Elegant Jewelers Mfg. Co. Inc. **SDG No.:** P5297
Contract: ELEG01 **Lab Code:** CHEM **Case No.:** P5297 **SAS No.:** P5297
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
ICV34	Mercury	4.15	4.0	104	95 - 105	CV	12/27/2024	14:13	LB134109

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Contract: ELEG01 **Lab Code:** CHEM **Case No.:** P5297 **SAS No.:** P5297
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
CCV76	Mercury	5.29	5.0	106	90 - 110	CV	12/27/2024	14:21	LB134109
CCV77	Mercury	4.95	5.0	99	90 - 110	CV	12/27/2024	15:22	LB134109
CCV78	Mercury	4.91	5.0	98	90 - 110	CV	12/27/2024	15:39	LB134109

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Client: Elegant Jewelers Mfg. Co. Inc. **SDG No.:** P5297
Contract: ELEG01 **Lab Code:** CHEM **Case No.:** P5297 **SAS No.:** P5297
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	Cadmium	510	510	100	95 - 105	P	12/27/2024	13:54	LB134113
	Chromium	543	520	104	95 - 105	P	12/27/2024	13:54	LB134113
	Copper	499	510	98	95 - 105	P	12/27/2024	13:54	LB134113
	Lead	1020	1000	102	95 - 105	P	12/27/2024	13:54	LB134113
	Molybdenum	2600	2500	104	95 - 105	P	12/27/2024	13:54	LB134113
	Nickel	520	530	98	95 - 105	P	12/27/2024	13:54	LB134113
	Silver	262	250	105	95 - 105	P	12/27/2024	13:54	LB134113
	Zinc	1010	1000	102	95 - 105	P	12/27/2024	13:54	LB134113

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Client: Elegant Jewelers Mfg. Co. Inc. SDG No.: P5297

Contract: ELEG01 Lab Code: CHEM Case No.: P5297 SAS No.: P5297

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	Cadmium	5.74	6.0	96	80 - 120	P	12/27/2024	14:08	LB134113
	Chromium	9.56	10.0	96	80 - 120	P	12/27/2024	14:08	LB134113
	Copper	22.5	20.0	112	80 - 120	P	12/27/2024	14:08	LB134113
	Lead	12.0	12.0	100	80 - 120	P	12/27/2024	14:08	LB134113
	Molybdenum	211	200	106	80 - 120	P	12/27/2024	14:08	LB134113
	Nickel	38.9	40.0	97	80 - 120	P	12/27/2024	14:08	LB134113
	Silver	11.2	10.0	112	80 - 120	P	12/27/2024	14:08	LB134113
	Zinc	45.1	40.0	113	80 - 120	P	12/27/2024	14:08	LB134113

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Client: Elegant Jewelers Mfg. Co. Inc. **SDG No.:** P5297

Contract: ELEG01 **Lab Code:** CHEM **Case No.:** P5297 **SAS No.:** P5297

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	Cadmium	2540	2500	101	90 - 110	P	12/27/2024	15:34	LB134113
	Chromium	1030	1000	103	90 - 110	P	12/27/2024	15:34	LB134113
	Copper	1270	1250	102	90 - 110	P	12/27/2024	15:34	LB134113
	Lead	5080	5000	102	90 - 110	P	12/27/2024	15:34	LB134113
	Molybdenum	4880	5000	98	90 - 110	P	12/27/2024	15:34	LB134113
	Nickel	2540	2500	102	90 - 110	P	12/27/2024	15:34	LB134113
	Silver	1290	1250	103	90 - 110	P	12/27/2024	15:34	LB134113
	Zinc	2600	2500	104	90 - 110	P	12/27/2024	15:34	LB134113
CCV02	Cadmium	2540	2500	102	90 - 110	P	12/27/2024	16:32	LB134113
	Chromium	1040	1000	104	90 - 110	P	12/27/2024	16:32	LB134113
	Copper	1330	1250	106	90 - 110	P	12/27/2024	16:32	LB134113
	Lead	5070	5000	101	90 - 110	P	12/27/2024	16:32	LB134113
	Molybdenum	5310	5000	106	90 - 110	P	12/27/2024	16:32	LB134113
	Nickel	2540	2500	102	90 - 110	P	12/27/2024	16:32	LB134113
	Silver	1290	1250	104	90 - 110	P	12/27/2024	16:32	LB134113
	Zinc	2600	2500	104	90 - 110	P	12/27/2024	16:32	LB134113
CCV03	Cadmium	2550	2500	102	90 - 110	P	12/27/2024	16:59	LB134113
	Chromium	1060	1000	106	90 - 110	P	12/27/2024	16:59	LB134113
	Copper	1320	1250	106	90 - 110	P	12/27/2024	16:59	LB134113
	Lead	5110	5000	102	90 - 110	P	12/27/2024	16:59	LB134113
	Molybdenum	5320	5000	106	90 - 110	P	12/27/2024	16:59	LB134113
	Nickel	2550	2500	102	90 - 110	P	12/27/2024	16:59	LB134113
	Silver	1310	1250	105	90 - 110	P	12/27/2024	16:59	LB134113
	Zinc	2590	2500	104	90 - 110	P	12/27/2024	16:59	LB134113