

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Elegant Jewelers Mfg. Co. Inc. **SDG No.:** Q1595
Contract: ELEG01 **Lab Code:** CHEM **Case No.:** Q1595 **SAS No.:** Q1595
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
ICV60	Mercury	3.97	4.0	99	95 - 105	CV	03/25/2025	11:36	LB135174

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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
CCV57	Mercury	5.19	5.0	104	90 - 110	CV	03/25/2025	11:41	LB135174
CCV58	Mercury	4.91	5.0	98	90 - 110	CV	03/25/2025	12:14	LB135174
CCV59	Mercury	4.88	5.0	98	90 - 110	CV	03/25/2025	12:38	LB135174

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Client: Elegant Jewelers Mfg. Co. Inc. SDG No.: Q1595

Contract: ELEG01 Lab Code: CHEM Case No.: Q1595 SAS No.: Q1595

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	494	510	97	95 - 105	P	03/24/2025	10:33	LB135158
	Chromium	529	520	102	95 - 105	P	03/24/2025	10:33	LB135158
	Copper	532	510	104	95 - 105	P	03/24/2025	10:33	LB135158
	Lead	982	1000	98	95 - 105	P	03/24/2025	10:33	LB135158
	Molybdenum	2490	2500	100	95 - 105	P	03/24/2025	10:33	LB135158
	Nickel	506	530	95	95 - 105	P	03/24/2025	10:33	LB135158
	Silver	258	250	103	95 - 105	P	03/24/2025	10:33	LB135158
	Zinc	1040	1000	104	95 - 105	P	03/24/2025	10:33	LB135158

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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	Cadmium	5.64	6.0	94	80 - 120	P	03/24/2025	10:45	LB135158
	Chromium	9.80	10.0	98	80 - 120	P	03/24/2025	10:45	LB135158
	Copper	22.5	20.0	112	80 - 120	P	03/24/2025	10:45	LB135158
	Lead	11.7	12.0	97	80 - 120	P	03/24/2025	10:45	LB135158
	Molybdenum	207	200	104	80 - 120	P	03/24/2025	10:45	LB135158
	Nickel	38.5	40.0	96	80 - 120	P	03/24/2025	10:45	LB135158
	Silver	10.6	10.0	106	80 - 120	P	03/24/2025	10:45	LB135158
	Zinc	41.9	40.0	105	80 - 120	P	03/24/2025	10:45	LB135158

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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	Cadmium	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Chromium	1020	1000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Copper	1270	1250	102	90 - 110	P	03/24/2025	11:21	LB135158
	Lead	4920	5000	98	90 - 110	P	03/24/2025	11:21	LB135158
	Molybdenum	5130	5000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Nickel	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Silver	1260	1250	101	90 - 110	P	03/24/2025	11:21	LB135158
	Zinc	2540	2500	102	90 - 110	P	03/24/2025	11:21	LB135158
CCV02	Cadmium	2400	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Chromium	982	1000	98	90 - 110	P	03/24/2025	12:12	LB135158
	Copper	1260	1250	101	90 - 110	P	03/24/2025	12:12	LB135158
	Lead	4830	5000	97	90 - 110	P	03/24/2025	12:12	LB135158
	Molybdenum	5080	5000	102	90 - 110	P	03/24/2025	12:12	LB135158
	Nickel	2420	2500	97	90 - 110	P	03/24/2025	12:12	LB135158
	Silver	1230	1250	98	90 - 110	P	03/24/2025	12:12	LB135158
	Zinc	2490	2500	100	90 - 110	P	03/24/2025	12:12	LB135158
CCV03	Cadmium	2380	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Chromium	980	1000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Copper	1250	1250	100	90 - 110	P	03/24/2025	13:07	LB135158
	Lead	4800	5000	96	90 - 110	P	03/24/2025	13:07	LB135158
	Molybdenum	5090	5000	102	90 - 110	P	03/24/2025	13:07	LB135158
	Nickel	2390	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Silver	1220	1250	98	90 - 110	P	03/24/2025	13:07	LB135158
	Zinc	2470	2500	99	90 - 110	P	03/24/2025	13:07	LB135158
CCV04	Cadmium	2330	2500	93	90 - 110	P	03/24/2025	14:06	LB135158
	Chromium	951	1000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Copper	1230	1250	98	90 - 110	P	03/24/2025	14:06	LB135158
	Lead	4680	5000	94	90 - 110	P	03/24/2025	14:06	LB135158
	Molybdenum	4960	5000	99	90 - 110	P	03/24/2025	14:06	LB135158
	Nickel	2360	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Silver	1190	1250	95	90 - 110	P	03/24/2025	14:06	LB135158
	Zinc	2430	2500	97	90 - 110	P	03/24/2025	14:06	LB135158
CCV05	Cadmium	2310	2500	92	90 - 110	P	03/24/2025	15:30	LB135158
	Chromium	940	1000	94	90 - 110	P	03/24/2025	15:30	LB135158

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Contract: ELEG01 **Lab Code:** CHEM **Case No.:** Q1595 **SAS No.:** Q1595

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	Copper	1220	1250	98	90 - 110	P	03/24/2025	15:30	LB135158
	Lead	4640	5000	93	90 - 110	P	03/24/2025	15:30	LB135158
	Molybdenum	4980	5000	100	90 - 110	P	03/24/2025	15:30	LB135158
	Nickel	2330	2500	93	90 - 110	P	03/24/2025	15:30	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	15:30	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	15:30	LB135158
CCV06	Cadmium	2340	2500	94	90 - 110	P	03/24/2025	16:39	LB135158
	Chromium	920	1000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Copper	1190	1250	95	90 - 110	P	03/24/2025	16:39	LB135158
	Lead	4510	5000	90	90 - 110	P	03/24/2025	16:39	LB135158
	Molybdenum	4840	5000	97	90 - 110	P	03/24/2025	16:39	LB135158
	Nickel	2260	2500	90	90 - 110	P	03/24/2025	16:39	LB135158
CCV07	Silver	1170	1250	93	90 - 110	P	03/24/2025	16:39	LB135158
	Zinc	2370	2500	95	90 - 110	P	03/24/2025	16:39	LB135158
	Cadmium	2260	2500	90	90 - 110	P	03/24/2025	17:29	LB135158
	Chromium	938	1000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Copper	1190	1250	96	90 - 110	P	03/24/2025	17:29	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	17:29	LB135158
CCV08	Molybdenum	4870	5000	97	90 - 110	P	03/24/2025	17:29	LB135158
	Nickel	2280	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	17:29	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	17:29	LB135158
	Cadmium	2250	2500	90	90 - 110	P	03/24/2025	18:01	LB135158
	Chromium	931	1000	93	90 - 110	P	03/24/2025	18:01	LB135158
	Copper	1200	1250	96	90 - 110	P	03/24/2025	18:01	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Molybdenum	4870	5000	98	90 - 110	P	03/24/2025	18:01	LB135158
	Nickel	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Silver	1170	1250	94	90 - 110	P	03/24/2025	18:01	LB135158
	Zinc	2340	2500	94	90 - 110	P	03/24/2025	18:01	LB135158