



# Kaselco Electrocoagulation Results - Various Ranges of Treatment - Key Constituents

## CADMIUM

Raw	Treated
67.5	10.23
10.48	0.09
0.23	0.0272
0.429	0.278
0.325	0.117
0.373	0.011

## CHROMIUM, HEX

Raw	Treated
782	0.005
76	0.047
49	0.01
48.6	0.005
324	0.02
31	0.01

## CHROMIUM, TOTAL

Raw	Treated
58.22	<0.005
102	0.005
378.15	<0.005
222.4	0.082
1304	0.005
27.49	0.31

## COPPER

Raw	Treated
81.7	0.139
79	0.05
63.538	0.18
142.5	0.66
21.07	<0.005
3.224	0.03

## LEAD

Raw	Treated
2.7	0.0295
24.22	0.208
546	<0.10
0.111	ND
2.825	0.116
0.636	<0.005

## NICKEL

Raw	Treated
19	0.3
156.75	<0.005
62.375	<0.005
50.48	0.384
37.5	0.05
69.7	0.14

## SILVER

Raw	Treated
1.0	0.005
0.31	<.01
4.11	0.93
1.0	ND
1.2	0.29
1.13	0.04

## OIL & GREASE

Raw	Treated
681	15.8
321	6.2
116	<5.0
198	<5.0
321	6
9958	45.6

## Molybdenum

Raw	Treated
1.96	0.03
62.1	16.7
1.47	1.3

## ALUMINUM

Raw	Treated
8.0	0.70
1.03	0.012
9.00	ND
120.00	ND

## COBALT

Raw	Treated
66.3	0.03
1.32	0.16
4.235	1.11
0.525	0.03

## CYANIDE

Raw	Treated
36.0	15.0
4.85	<0.005
32.63	6.4
1.51	0.17

**GOLD**

Raw	Treated
0.39	<0.10
0.08	<0.05

**IRON**

Raw	Treated
166.28	0.69
613	0.397
293	0.124
9.1	0.24
4.684	0.146

**PHOSPHORUS**

Raw	Treated
11850	3.9
24	0.70
19.6	0.30
13.5	0.30
10	<0.005

**ZINC**

Raw	Treated
1821	0.095
762.5	0.031
59.2	0.13
8.4	0.12
6.921	0.014

**SILICA**

Raw	Treated
2.83	0.64
39	24
151	2.09
8.47	<2.5

**TIN**

Raw	Treated
2520	88.5
19.8	0.50
0.20	<0.10

**MANGANESE**

Raw	Treated
0.431	<0.0015
5.18	3.17
0.874	0.195
2.80	0.50
5.309	2.858

**ARSENIC**

Raw	Treated
.074	<.02
.079	<.02
.529	<.02
.062	<.02
.048	<.02