Table 3. Trace elements with no significant changes.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CONTROL** | | | | | **CLINPRO** | | | | | **MI** | | | | |
|  | **Basaline** | **3 months** | **6 months** | **9 months** | **12 months** | **Basaline** | **3 months** | **6 months** | **9 months** | **12 months** | **Basaline** | **3 months** | **6 months** | **9 months** | **12 months** |
| **pH** | 7.691 ± 0.277 | 7.892 ± 0.312 | 7.767 ± 0.246 | 7.858 ± 0.345 | 7.850 ± 0.390 | 7.689 ± 0.293 | 7.650 ± 0.295 | 7.470 ± 0.683 | 7.610 ± 0.396 | 7.710 ± 0.325 | 7.627 ± 0.329 | 7.682 ± 0.402 | 7.718 ± 0.309 | 7.945 ± 0.370 | 7.800 ± 0.286 |
| **Lactic acid** | 19.289 ±15.332 | 13.978 ± 9.415 | 21.036±17.990 | 22.630±16.428 | 8.438±5.903 | 19.275±10.584 | 26.825±16.797 | 32.712±20.395 | 21.114±17.635 | 18.417±17.425 | 24.362±16.195 | 23.137±18.911 | 27.200±16.339 | 14.930±11.224 | 22.089±12.714 |
| **23Na** | 248.194 ± 139.716 | 201.595 ± 66.288 | 218.480±170.891 | 173.850 ± 85.649 | 240.168 ± 135.968 | 225.429 ± 147.144 | 215.098 ± 171.809 | 224.836 ± 124.393 | 220.662 ± 180.556 | 212.320 ± 111.239 | 160.551 ± 70.881 | 181.645 ± 79.014 | 204.946 ± 100.158 | 169.328 ± 82.909 | 162.175± 74.268 |
| **27Al** | 333.208 ± 183.751 | 234.432 ± 132.795 | 191.094 ± 123.028 | 180.855 ± 111.019 | 293.447 ± 345.301 | 186.702 ± 88.419 | 211.754 ± 142.646 | 513.260 ± 782.415 | 180.783 ± 89.185 | 214.838 ± 209.433 | 352.480 ± 333.027 | 238.117 ± 162.809 | 327.611 ± 273.735 | 227.774 ± 189.359 | 230.263 ± 106.472 |
| **39K** | 1025.741 ± 276.149 | 993.496 ± 180.808 | 1002.781 ± 221.995 | 920.151 ± 153.085 | 957.936 ± 228.272 | 936.678 ± 184.584 | 1057.216 ± 289.940 | 1055.634 ± 290.046 | 1105.300 ± 262.103 | 1008.175 ± 213.882 | 936.756 ±192.816 | 981.274 ± 206.305 | 964.686 ± 215.792 | 929.090 ± 254.098 | 937.495 ± 132.456 |
| **44Ca** | 94.786 ± 35.781 | 88.603 ± 26.733 | 92.572 ± 35.049 | 61.407 ±21.515 | 70.536 ± 24.694 | 88.898 ± 43.968 | 73.684 ±30.781 | 66.012 ±31.476 | 58.324 ±17.708 | 59.406 ± 24.819 | 73.989 ± 36.378 | 77.978 ± 20.440 | 88.883 ± 68.376 | 84.379 ± 41.876 | 78.395 ± 24.987 |
| **52Cr** | 4.013 ± 6.785 | 2.295 ± 1.404 | 1.435 ± 1.072 | 1.559 ± 1.616 | 2.458 ± 3.103 | 1.218 ± 1.473 | 2.254 ± 2.320 | 3.445 ± 4.317 | 4.537 ± 6.220 | 1.871 ± 3.653 | 2.082 ± 1.100 | 2.750 ± 2.905 | 2.933 ± 2.385 | 6.546 ± 13.866 | 2.787 ± 3.289 |
| **55Mn** | 55.852 ± 32.229 | 49.281 ± 30.059 | 60.706 ± 21.520 | 48.331 ± 26.383 | 53.574 ±31.954 | 47.842 ± 32.057 | 50.339 ± 42.555 | 40.063 ± 28.127 | 41.016 ± 25.129 | 39.694 ± 28.462 | 42.251 ± 31.591 | 50.519 ±20.276 | 52.462 ± 41.599 | 53.124 ± 27.774 | 51.673 ± 17.636 |
| **57Fe** | 147.952 ± 90.313 | 147.144 ± 88.435 | 164.172 ± 88.824 | 140.449 ± 117.831 | 186.385 ± 169.798 | 103.283 ± 49.763 | 151.232 ± 105.901 | 166.435 ± 185.257 | 105.924 ± 73.330 | 122.435 ± 92.716 | 142.072 ± 93.081 | 150.262 ± 125.766 | 220.809 ± 188.328 | 155.368 ± 116.249 | 164.515 ± 94.194 |
| **59Co** | 1.646 ± 0.889 | 2.112 ± 1.621 | 1.994 ± 1.072 | 1.899 ± 0.999 | 1.903 ± 1.514 | 1.421 ± 1.170 | 1.300 ± 1.026 | 1.336 ± 0.916 | 1.439 ± 0.920 | 1.329 ± 1.040 | 1.157 ± 0.858 | 1.289 ± 1.163 | 1.359 ± 1.209 | 1.127 ± 1.241 | 1.187 ± 0.947 |
| **63Cu** | 70.412 ± 59.314 | 70.833 ± 46.034 | 50.914 ± 25.602 | 63.243 ±61.103 | 52.858 ± 59.830 | 32.533 ± 24.889 | 68.003 ± 135.975 | 61.914 ± 42.271 | 44.274 ± 38.882 | 39.072 ± 56.660 | 34.676 ± 19.508 | 54.865 ± 34.184 | 96.771 ± 84.260 | 44.290 ± 45.844 | 118.943 ± 283.883 |
| **75As** | 2.009 ±1.452 | 1.923 ± 1.396 | 2.090 ±1.631 | 2.396±1.397 | 2.691 ±1.534 | 2.566 ±1.339 | 2.491 ±1.233 | 2.466 ± 1.053 | 2.549 ± 1.253 | 2.281 ± 1.246 | 1.843 ± 1.543 | 1.759 ± 1.512 | 1.889 ± 1.496 | 1.966 ± 1.568 | 2.131 ± 1.613 |
| **111Cd** | 0.698 ± 0.677 | 0.853 ± 1.405 | 0.437 ± 0.360 | 0.669±0.522 | 0.698 ± 0.677 | 0.359 ± 0.543 | 0.612 ± 0.735 | 1.503 ± 3.908 | 0.483 ± 0.422 | 0.347 ± 0.421 | 0.337 ± 0.283 | 0.384 ± 0.276 | 0.605 ± 0.792 | 0.313 ± 0.181 | 0.816 ± 0.784 |
| **137Ba** | 21.002 ± 14.780 | 19.456 ± 11.772 | 12.753 ± 6.548 | 17.328 ± 26.994 | 21.246± 30.018 | 8.790 ± 5.546 | 12.096 ± 9.927 | 11.900 ± 15.873 | 12.707 ± 9.965 | 10.016 ± 8.097 | 19.181 ± 11.538 | 13.971 ± 7.363 | 21.576 ± 19.071 | 19.095 ± 17.679 | 17.238 ± 15.998 |
| **208Pb** | 17.077 ± 11.782 | 6.140 ± 9.077 | 3.054 ± 5.685 | 2.423 ± 4.086 | 6.356 ± 9.687 | 4.252 ± 8.489 | 12.496 ± 29.752 | 3.499 ± 8.701 | 1.114 ± 1.427 | 3.801 ± 7.776 | 5.943 ± 9.236 | 2.688 ± 2.487 | 6.397 ± 7.296 | 2.739 ± 3.024 | 4.361 ± 9.152 |
| **9F** | 0.0467±0.0186 | - | - | - | 0.0617±0.0286 | 0.0560 ± 0.0434 | - | - | - | 0.0660 ±0.0261 | 0.0540±0.0152 | - | - | - | 0.0920±0.0409 |

23Na: sodium; 27Al: aluminum; 39K: potassium; 44Ca: calcium; 52Cr: chromium; 55Mn: manganese; 57Fe: iron; 59Co: cobalt; 63Cu: copper; 75As: arsenic; 111Cd: cadmium; 137Ba: barium; 208Pb: lead; 19F: fluoride. CONTROL: Placebo. CLINPRO: Clinpro White Varnish. MI: MI Varnish.