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| Table 4. Comparison of some heavy metal concentrations between serum of control and treatment | | | | |
| Metals | Serum Control | Serum Treatment | t-test | p-value |
| Cadmium (mg/L) | 0.0023±0.0009 | 0.0052±0.0018 | -2.880 | 0.039 |
| Chromium (mg/L) | 0.6030±0.1604 | 0.0288±0.0128 | 7.135 | 0.000 |
| Arsenic (mg/L) | 0.432±0.1714 | >0.0001 | 8.515 | 0.000 |
| Lead (mg/L) | 0.0255±0.0082 | 0.0903±0.0161 | -7.173 | 0.000 |
| Mercury (mg/L) | >0.0001 | >0.0001 |  |  |