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| Table 2. Comparison of some heavy metal concentrations between soil and plantain sourced from Awka Etiti Anambra State | | | | |
| Metals | Soil | Plantain | t-test | p-value |
| Cadmium (mg/L) | 1.952±0.1470 | 0.2219±0.0715 | 21.180 | 0.000 |
| Chromium (mg/L) | 3.185±1.630 | 0.4856±0.1622 | 3.297 | 0.016 |
| Arsenic (mg/L) | 0.9809±0.2157 | 0.6457±0.1623 | 5.573 | 0.000 |
| Lead (mg/L) | 0.9283±0.2147 | 0.2147±0.1243 | 3.713 | 0.010 |
| Mercury (mg/L) | 0.0075±0.007 | >0.0001 | 5.733 | 0.001 |