|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Analysis No.** | **Sample location** | **Cu** | **Sn** | **Pb** | **Ag** | **As** | **Fe** | **Ni** | **S** | **Sb** | **Zn** |
|  | (wt.%) | (wt.%) | (wt.%) | (wt.%) | (wt.%) | (wt.%) | (wt.%) | (wt.%) | (wt.%) |
| C2RMF72247-1 | Head: under the chin (in the platform) | X | 7..1 | 18 | 0..056 | 0..100 | 0..16 | 0..040 | 0..071 | 0..11 | 0..23 |
|  | ±0..7 | ±2 | ±0..006 | ±0..010 | ±0..02 | ±0..004 | ±0.007 | ±0.01 | ±0.02 |
|  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-2 | Plinth: right side (decorated) | X | 9.5 | 11 | 0.052 | 0.015 | 0.0072 | 0.0050 | 0.021° | 0.069 | nd |
|  | ±0.9 | ±1 | ±0.005 | ±0.002 | ±0.0007 | ±0.0005 | >0.020 | ±0.007 | <0.00067 |
|  |  |  |  |  |  |  | <0.067 |  |  |
| C2RMF72247-3 | Plinth: back side (not decorated) | X | 7.6 | 23 | 0.059 | 0.069 | 0.12 | 0.022 | 0.12 | 0.099 | 0.24 |
|  | ±0.8 | ±2 | ±0.006 | ±0.007 | ±0.01 | ±0.002 | ±0.01 | ±0.010 | ±0.02 |
|  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-4 | Body: neck (in the platform) | X | 4.0 | 17 | 0.062 | 0.055 | 0.00050 | 0.027 | 0.042° | 0.10 | 0.014 |
|  | ±0.4 | ±2 | ±0.006 | ±0.005 | ±0.00005 | ±0.003 | >0.020 | ±0.01 | ±0.001 |
|  |  |  |  |  |  |  | <0.067 |  |  |
| C2RMF72247-5 | Pubic hair | X | 6.5 | 21 | 0.020 | 0.024 | 0.0017 | 0.011 | 0.075 | 0.061 | 0.039 |
|  | ±0.7 | ±2 | ±0.002 | ±0.002 | ±0.0002 | ±0.001 | ±0.007 | ±0.006 | ±0.004 |
|  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-6 | Welding: genital & pubic hair - legs | X | 4.0 | 18 | 0.061 | 0.051 | 0.038 | 0.028 | 0.047° | 0.099 | nd |
|  | ±0.4 | ±2 | ±0.006 | ±0.005 | ±0.004 | ±0.003 | >0.020 | ±0.010 | <0.00084 |
|  |  |  |  |  |  |  | <0.067 |  |  |
| C2RMF72247-7 | Left foot | X | 5.7 | 18 | 0.048 | 0.048 | 0.041 | 0.020 | 0.072 | 0.10 | 0.071 |
|  | ±0.6 | ±2 | ±0.005 | ±0.005 | ±0.004 | ±0.002 | ±0.007 | ±0.01 | ±0.007 |
|  |  |  |  |  |  |  |  |  |  |

Table 43.1: Results of the ICP-AES analyses made at the C2RMF on the bronze parts of the Croatian Apoxyomenos. Results in wt% or wt ppm. X = base metal (not quantified). nd = below the limit of detection. ° = below the limit of quantification.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Analysis No.** | **Au** | **Ba** | **Bi** | **Cd** | **Co** | **Cr** | **Ge** | **Hg** | **In** | **Mg** | **Mn** | **Mo** | **P** | **Se** | **Te** | **Ti** | **U** | **V** | **W** |
| (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) | (wt. ppm) |
| C2RMF72247-1 | 42 | nd | 77 | nd | 67 | nd | nd | 4.1 | 6.4° | nd | nd | nd | nd | 32 | 23 | nd | nd | nd | nd |
| ±4 | <0.2 | ±8 | <0.2 | ±7 | <0.9 | <3.4 | ±0.4 | <7.0 | <3.1 | <0.0 | <2.5 | <24 | ±3 | ±3 | <0.3 | <9.3 | <0.2 | <2.2 |
|  |  |  |  |  |  |  |  | >2.1 |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-2 | 16 | nd | 45 | nd | nd | nd | nd | 4.4 | 3.0° | nd | nd | nd | nd | 17 | 17 | nd | nd | nd | nd |
| ±2 | <0.2 | ±4 | <0.2 | <0.2 | <0.9 | <3.3 | ±0.4 | <6.8 | <3.0 | <0.0 | <2.4 | <24 | ±2 | ±2 | <0.3 | <9.0 | <0.2 | <2.1 |
|  |  |  |  |  |  |  |  | >2.0 |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-3 | 21 | nd | 68 | nd | 22 | nd | nd | 3.2° | 4.2° | nd | nd | nd | nd | 35 | 20 | nd | nd | nd | nd |
| ±2 | <0.3 | ±7 | <0.3 | ±2 | <1.1 | <4.3 | <3.4 | <8.9 | <4.0 | <0.1 | <3.2 | <31 | ±4 | ±3 | <0.4 | <12 | <0.3 | <2.8 |
|  |  |  |  |  |  |  | >1.0 | >2.7 |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-4 | 25 | nd | 72 | nd | 2.2 | nd | nd | 4.4 | 3.6° | nd | nd | nd | nd | 19 | 22 | nd | nd | nd | nd |
| ±2 | <0.3 | ±7 | <0.3 | ±0.3 | <1.0 | <3.7 | ±0.4 | <7.6 | <3.4 | <0.0 | <2.8 | <26 | ±2 | ±5 | <0.3 | <10 | <0.3 | <2.4 |
|  |  |  |  |  |  |  |  | >2.3 |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-5 | nd | nd | 29 | nd | 0.6° | nd | nd | 3.5 | 3.8° | nd | nd | nd | nd | 64 | 18 | nd | nd | nd | nd |
| <4.4 | <0.3 | ±6 | <0.3 | <0.6 | <1.0 | <3.9 | ±0.7 | <8.1 | <3.6 | <0.1 | <2.9 | <28 | ±6 | ±11 | <0.3 | <11 | <0.3 | <2.6 |
|  |  |  |  | >0.2 |  |  |  | >2.4 |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-6 | 20 | nd | 65 | nd | 1.0 | 88 | nd | 4.3 | nd | nd | 2.2 | nd | nd | 16 | 13 | nd | nd | nd | nd |
| ±2 | <0.3 | ±6 | <0.3 | ±0.4 | ±9 | <4.1 | ±0.8 | <2.6 | <3.8 | ±0.2 | <3.1 | <30 | ±2 | ±4 | <0.4 | <11 | <0.3 | <2.7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C2RMF72247-7 | 14 | nd | 52 | nd | 8.6 | nd | nd | 4.2 | 4.4° | nd | nd | nd | nd | 36 | 32 | nd | nd | nd | nd |
| ±1 | <0.3 | ±5 | <0.3 | ±0.9 | <1.0 | <3.6 | ±0.5 | <7.6 | <3.4 | <0.0 | <2.7 | <26 | ±4 | ±6 | <0.3 | <10 | <0.3 | <2.4 |
|  |  |  |  |  |  |  |  | >2.3 |  |  |  |  |  |  |  |  |  |  |

Table 43.1 (continued)