

Table 1

The chemical composition of the analyzed bracelet fragments, expressed in weight % for major and minor elements and in µg/g for trace-elements

	Fragment 1 Stavropoleos AGLAE	Fragment 2 Stavropoleos AGLAE	Fragment 3 Coltea AGLAE	Fragment 4 Coltea AGLAE	Fragment 5 Coltea AGLAE	Fragment 6 General Florescu Street HZDR	Fragment 7 Udricani Church HZDR	Fragment 8 Căramidarii de Jos Church HZDR
Na ₂ O	12.99	12.17	2.50	2.59	2.57	2.23	8.04	8.95
MgO	0.52	0.57	0.38	0.32	0.45	0.74	≤ MDL	1.09
Al ₂ O ₃	1.04	1.24	≤ MDL*	0.48	≤ MDL	0.38	0.35	1.44
SiO ₂	69.17	69.87	68.17	67.60	68.01	68.16	66.39	64.82
P ₂ O ₅	0.18	0.27	≤ MDL	0.18	≤ MDL	0.46	≤ MDL	0.48
SO ₃	0.38	0.35	0.27	0.26	0.27	0.30	≤ MDL	0.25
Cl	0.44	0.48	0.35	0.37	0.37	0.23	0.41	0.33
K ₂ O	4.30	4.64	16.88	16.86	16.97	12.50	7.03	9.51
CaO	8.19	8.52	8.62	8.59	8.69	8.00	2.30	10.46
TiO ₂	9.54	5.86	9.62	0.10	8.23	3.98	3.66	0.11
MnO	7.03	7.23	3.12	2.98	2.24	8.05	7.15	0.14
Fe ₂ O ₃	0.35	0.32	0.25	0.24	0.23	0.27	0.11	0.42
CuO	2.02	1.30	2.28	2.28	2.24	6.13	0.78	1.81
ZnO	5.7	7.2	≤ MDL	≤ MDL	≤ MDL	6.0	8.6	5.9
As ₂ O ₅	5.57	8.84	3.42	3.57	3.50	0.18	0.36	1.92
Rb ₂ O	6.4	8.1	1.29	1.31	1.31	1.10	≤ MDL	7.9
SrO	1.89	1.96	1.58	1.38	1.66	6.6	≤ MDL	2.58
ZrO ₂	7.9	≤ MDL	1.79	1.51	1.52	≤ MDL	1.32	≤ MDL
SnO ₂	3.01	≤ MDL	4.97	≤ MDL	≤ MDL	0.12	0.14	2.51
BaO	9.85	≤ MDL	< MDL	≤ MDL	≤ MDL	≤ MDL	≤ MDL	8.96
PbO	1.89	≤ MDL	1.05	≤ MDL	≤ MDL	0.15	13.94	9.0

* MDL – Minimum Detection Limits