

V. Mozgai*, B. Bajnóczi*, Z. May, Zs. Mráv: Non-destructive handheld XRF study of archaeological composite silver objects –the case study of the late Roman Seuso Treasure

Archaeological and Anthropological Sciences

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Online Resource 5 Chemical composition of contemporaneous composite silver objects from the Trier, Vinkovci, and Esquiline hoards. nd = not detected. The results are given in wt%. ¹Doračić et al. 2015; Vulić et al. 2017; ²Greiff 2017; ³Hughes and Hall 1979.

Object	Part of the object	Ag	Cu	Au	Pb	Bi
Vinkovci ¹						
fluted pitcher	handle	95.3	3.4	0.7	0.3	nd
pitcher		94.9	1.4	3.2	0.5	nd
perfume box	base	97.1	1.8	0.7	0.5	nd
	perforated inner plate	95.1	3.2	1.0	0.5	nd
small amphora		99.8	0.2	nd	nd	nd
Trier ²						
Apostle jug	body	95.0	2.5	2.0	0.5	0.1
		94.7	2.7	1.9	0.5	0.1
		94.2	3.5	1.9	0.4	0.1
		93.9	3.5	1.9	0.6	0.1
		95.1	2.8	1.7	0.3	0.1
	lid	94.8	3.6	1.2	0.3	0.1
		93.9	4.6	1.1	0.3	0.1
	handle	95.0	2.2	2.1	0.5	0.2
		90.2	7.2	1.6	0.9	0.1
		81.9	14.6	2.5	0.8	0.2
	rim	94.1	4.1	1.1	0.6	0.1
		93.3	4.8	1.1	0.7	0.1
	thumbpiece	92.5	5.2	1.4	0.9	0.0
		92.9	4.7	1.5	0.8	0.1
	thumbpiece (fragment 1)	91.4	5.8	1.7	1.0	0.1
		92.1	5.0	2.0	0.8	0.1
	thumbpiece (fragment 2)	86.3	7.2	1.1	1.9	0.1
		90.7	6.9	1.4	1.0	0.1
	hinge of the lid	91.6	6.3	1.2	0.8	0.1
		92.9	5.2	1.2	0.7	0.1
Esquiline ³						
Canister Projecta Casket	body	95.7	2.5	0.6	1.0	nd
	lid	96.1	2.3	0.6	0.9	nd
facetted ewer	body	97.4	1.2	0.7	0.6	nd
	base	94.4	4.2	0.6	0.7	nd
	handle	94.5	3.9	0.7	0.7	nd

Object	Part of the object	Ag	Cu	Au	Pb	Bi
	top of spout	95.0	3.1	0.7	0.9	nd
embossed flask	base	88.6	10.3	0.2	0.7	nd
	body	98.3	0.4	0.3	0.9	nd
	neck	98.2	0.7	0.2	0.8	nd
amphora	base	94.8	2.0	2.4	0.7	nd
	body	94.7	3.0	1.4	0.7	nd
	handle	92.3	5.1	1.4	0.9	nd
toilet casket	lid 1	98.1	0.6	0.3	0.9	nd
	lid 2	97.8	0.8	0.4	0.9	nd
	base 1	97.5	1.0	0.4	1.0	nd
	base 2	97.2	1.2	0.4	1.0	nd
	chain fastener	92.0	6.3	0.6	1.0	nd

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