



COS : Chemical Analysis of the clay

Our opinion on the Cos' dendrogram is rather mixed. For the attribution of the Apollonia APO 274 and Z76 samples, the reference stock available consisted of some thirty Cos-type amphorae, of which only 10 were from Cos itself. This sampling seems rather light for an original attribution. As expected, the dendrogram shows several clusters. The first two clusters artificially split due the proportion of CaO. APO 276 appears in the most homogeneous cluster and APO 274 in the margin, albeit in the company of a specimen from Cos, which does not really seem to allow a formal attribution to the island of Cos. If the reference lot for the island proved valid, APO 276 would be attributable to Cos and APO 274, more marginal, much less clearly. However, a more consistent local sampling, associating other ceramic categories from the island, would have been welcome. Indeed, the risk cannot be ruled out that the sample of Cos-type amphorae sampled may correspond to imports from outside the island.



Ribarska str., 19. Apollonia pontica. End of the 3rd – 2nd c. BC

name	CaO	Fe2O3	TiO2	K2O	SiO2	Al2O3	MgO	MnO	Na2O	P2O5	Zr	Sr	Rb	Zn	Cr	Ni	La	Ba	V	Ce	Y	Th	Pb	Cu
APO274	7,65	7,90	0,896	3,82	53,23	21,65	3,32	0,1066	0,95	0,22	260	727	179	104	179	148	58	526	148	113	31	28	31	71