



RHODOS : Chemical analysis of the clay

Rhodian amphorae were made not only on the island of Rhodos, but also in Rhodian Perea. In all cases, we would be dealing with wine amphorae, but having contained wines of various origins. Our archaeometric investigation began with a comparison with a substantial sampling from the island itself, combining clay samples, archaic ceramics and Hellenistic amphorae of Rhodian type, collected on the island itself. From the outset, the composition of our APO 281 sample from Apollonia revealed a characteristic feature of the local productions from the island, namely a very high magnesium content of over 10%. It was then easily integrated into one of our local reference clusters.



Site of stara Danashna, Apollonia pontica. 250-150 BC

nom	CaO	Fe2O3	TiO2	K2O	SiO2	Al2O3	MgO	MnO	Na2O	P2O5	Zr	Sr	Rb	Zn	Cr	Ni	La	Ba	V	Ce	Y	Th	Pb	Cu
APO281	9,40	8,21	0,687	2,46	52,31	12,91	12,3 3	0,1144	1,13	0,18	126	290	103	99	784	664	25	231	116	50	17	16	18	83