

n° of artefact	Measurement Code	Artefact	Colour	Macroscopic description	Grain Size (mm)	Maximum Grain Size (mm)	XRF meas. point	Powder sample	Note	d18OC ‰ V-PDB	d13C ‰ V-PDB	Odour
Nr. 1. sarcophagus of the Twelve Apostles	RA-SAS35	lid	white	homogeneous, heteroblastic	1,4-1,0-1,2-1,2-1,8-1,4-1,6-1,4-1,4-1,3	1.8	1154		calcitic			
	RA-SAS36		grey	heterogeneous, heteroblastic very dark part: very fine-grained, up to 1 mm, some bigger grains are up to 1 mm; brownish: very fine-grained, without bigger grains	0,8-0,9-1,6-1,1-1,2	1.6	1155		calcitic			
	RA-SAS09		white					yes	calcitic	-1.05	1.80	Slight odour
	RA-SAS37	chest	white	homeoblastic	1,5-1,6-2,1-2,2-1,6-1,4-1,4-2,0	2.0	1156		calcitic			
	RA-SAS38		grey	heteroblastic	2,1-2,0-1,7-1,6-1,4-2,0	2.0	1157		calcitic			
	RA-SAS10		white					yes	calcitic	-1.22	1.99	no
	Nr. 2 sarcophagus of archbishop Teodor	RA-SAS01	lid	white	homogeneous			1147		calcitic		
RA-SAS02		greyish		macroscopically not specified			1148		calcitic			
RA-SAS03		dark grey					1152		calcitic			
RA-SAS07			white		1,6-1,5-1,2-1,6-1,1-1,6-1,9-1,6-2,1-1,8-1,9-1,3-1,7	2.1		yes	calcitic	-1.47	-0.60	no
RA-SAS04		chest	white	homogeneous			1149		calcitic			
RA-SAS05			greyish	macroscopically not specified			1151		calcitic			
RA-SAS06			greyish				1150		calcitic			
RA-SAS08			white					yes	calcitic	-1.74	0.69	no

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Nr. 5 Roman sarcophagus of LICINIAE VALERIAE	RA-SAS56	lid	white		1,5-1,2-2,7-1,7-1,9-1,4-1,6	2.7			side				
	RA-SAS57		greyish	heterogeneous, heteroblastic	1,2-0,9-1,8-1,6-1,4-1,6-1,7	1.8			side				
	RA-SAS15		white					yes		-1.95	2.56		
	RA-SAS58	vasca	grey										
	RA-SAS59		white	heterogeneous, heteroblastic	1,7-1,8-1,4-1,6-1,7-1,2-1,2-1,6-1,2-1,3	1.8							
	RA-SAS16												
			white				yes		-2.39	2.56	Stronger odour		
Nr. 6 sarcophagus “a tre e quattro nicchie”	RA-SAS60	lid	white	heteroblastic	1,1-0,5-0,9-0,7-1,2-1,2	1.2	1182		calcitic				
	RA-SAS61		grey		1,3-1,2-1,2-1,2-1,5-1,2	1.5	1183		calcitic				
	RA-SAS17		white					yes		-2.86	2.57	slight odour	
	RA-SAS62	chest	white	heteroblastic	0,8-1,2-1,2-1,7-0,8	1.7	1180		calcitic				
	RA-SAS63		grey	heteroblastic	0,7-1,2-0,7-1,8-1,4-1,5	1.8	1181		calcitic				
	RA-SAS18												
			white				yes		-4.01	2.58	slight odour		

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Nr. 7 sarcophagus with the <i>adoratio crucis</i> and lambs	RA-SAS64	lid	white	homogeneous	1,6-1,4-1,2-1,3-1,5	1.6	1184		calcitic			
	RA-SAS65		grey	remnants of red pigment (calcitic/dolomitic), homogeneous	1,7-1,2-1,4-1,8-1,2-1,1-1,2-1,6	1.7	1185		calcitic			
	RA-SAS66		red pigment				1186		calcitic (dolomitic)			
	RA-SAS19		white					yes		-8.34	2.60	slight odour
	RA-SAS67	chest	white	unhomogeneous	1,0-1,7-1,2-1,2-2,0-0,9-1,6	2.0	1187		calcitic (gypsum)			
	RA-SAS68		grey	homogeneous	1,5-1,6-1,5-1,4-1,4-1,8	1.8	1188		calcitic (gypsum)			
	RA-SAS20		white					yes		-0.65	2.72	
	Nr. 8 sarcophagus of the archbishop Felix	RA-SAS69	lid	white	heterogeneous, lot of tiny black, brown and red inclusions	1,2-1,0-1,4-1,2-1,1-0,9-1,2-0,8-1,3-1,7	1.7	1189				
RA-SAS70		grey		heterogeneous, very small black particles (rhomboid)	white-greyish: 1,7-1,7-1,6 greyish: 1,2-1,3-0,9-1,2	white-greyish: 1.7 greyish: 1.2	1190					
RA-SAS21		white						yes		-1.32	2.75	slight odour
RA-SAS71		chest	white	heteroblastic	2,1-2,4-2,9-2,3-2,5-2,9-2,3-3,0-3,5-2,2-2,6-3,0-2,6-2,1	3.5	1191					
RA-SAS72			grey				1192					
RA-SAS22			white					yes		0.04	2.83	

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Nr. 9 sarcophagus with the <i>adoratio crucis</i> and antithetic lambs	RA-SAS73	lid	white	very fine-grained matrix, heterogeneous, heteroblastic, no twins	1,2-1,7-0,7-1,2-0,7-1,4-0,9-1,5-1,7-2,4-2,3-1,9-2,2-1,6-3,0-2,2-1,7	2.2	1193		calcitic			
	RA-SAS74		dark grey (almost black)	very fine-grained, less than 1 mm			1194		calcitic			
	RA-SAS23		white					yes		-2.27	2.92	
	RA-SAS75	chest	white	only few grey lines, all the rest is white, few twins!	1,7-1,9-2,2-2,4-2,2-2,4-2,4-2,7-2,4-1,9-2,4-1,9-3,0	3.0	1195		calcitic			
	RA-SAS76		grey	Fine small black strips - grain size less than 1 - 1.2 mm			1196		calcitic (dolomitic)			
	RA-SAS24		white					yes		-1.65	3.18	slight odour
Nr. 10 sarcophagus with the lambs carrying crosses "agnelli cruciferi"	RA-SAS77	lid	white	homogeneous	1,2-1,6-1,8-1,5-1,4-1,2-1,2-1,9-1,2-1,2-1,4-1,8	1.9	1197		calcitic (gypsum)			
	RA-SAS78		grey	heteroblastic	2mm; grey grains less than 1,0 mm; heteroblastic	white grains up to 2mm; grey grains less than 1.0 mm	1199, 1200		calcitic (dolomitic)			
	RA-SAS79		grey				1198		calcitic (dolomitic)			
	RA-SAS25		white					yes		-1.76	3.22	slight odour
	RA-SAS80	chest	white	heteroblastic	1,5-1,9-1,8-2,1-1,9-1,6-1,7-2,1-1,6-1,6	2.1	1201		calcitic (gypsum)			
	RA-SAS81		greyish	grains are minor than in the white part	grains are minor than in the white part: 1,8	grains are minor than in the white part: 1.8	1202		calcitic (gypsum)			
	RA-SAS26		white					yes		-0.57	3.40	

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Nr. 11 sarcophagus of IOHANNIS	RA-SAS82	lid	white	homogeneous	1,6-1,7-1,7-2,1-2,1-2-1,2-1,2-1,8-1,2	2.1	1203		calcitic			
	RA-SAS83		grey	fine-grained	less than 0,5 mm; fine-grained (finer than white), 1,2	less than 0.5 mm; fine-grained (finer than white), 1.2	1206		calcitic (dolomitic)			
	RA-SAS27		white					yes		-6.64	3.42	slight odour
	RA-SAS84	chest	white	unhomogeneous	1,6-2,2-1,9-1,4-1,6-1,2-2,9-1,6-2,0-1,9-2,0-1,7-1,7-1,9-1,9-2,1-1,8	2.9	1207		calcitic (gypsum)			
	RA-SAS85		grey	fine-grained	1,5-1,2-1,1	1.5	1208, 1209		calcitic			
	RA-SAS28		white					yes		-0.91	3.42	slight odour