

	D_P (nm)	Organic mass per particle (10^{-12} μg)	Mole organics per particle (10^{-20} mole)	Org. volume fraction (%)	κ
OA					
Uncoated CaCO_3 30–80 °C	101.9	(backgr. m/z 41: 2.7 ± 0.9)	0	0.0	0.0028 ± 0.0001
CaCO_3 + OA 30 °C	102.1	3.7 ± 1.9	1.3	0.8	
CaCO_3 + OA 40 °C	102.5	7.0 ± 2.8	2.5	1.4	
CaCO_3 + OA 50 °C	103.7	14 ± 3.7	5.1	2.7	
CaCO_3 + OA 60 °C	104.9	23 ± 1.2	8.3	4.3	
CaCO_3 + OA 70 °C	109.2	96 ± 3.7	34	16	0.0241 ± 0.0006
CaCO_3 + OA 80 °C	123.7	390 ± 14	140	44	0.0649 ± 0.0008
MA					
Uncoated CaCO_3 30–80 °C	101.9	(backgr. m/z 42: 1.4 ± 0.4)	0	0.0	0.0028 ± 0.0001
CaCO_3 + MA 30 °C	102.0	3.3 ± 0.3	3.2	0.4	0.0123 ± 0.0005
CaCO_3 + MA 40 °C	102.1	6.8 ± 1.2	6.5	0.8	0.0231 ± 0.0008
CaCO_3 + MA 50 °C	102.2	13 ± 1.8	13	1.5	0.0380 ± 0.0012
CaCO_3 + MA 60 °C	102.7	38 ± 1.6	36	4.1	0.1063 ± 0.0023
CaCO_3 + MA 70 °C	107.8	160 ± 8.1	160	15	0.1907 ± 0.0031
CaCO_3 + MA 80 °C	121.0	610 ± 24	590	40	0.3126 ± 0.0062