

Experiment	Precursor	Time with lights on	Conditions: at transfer in MAC					after transfer in MICC	
			NO	NO ₂	O ₃	Conc _{CPC}	Mass _{DMPS}	Conc _{SMPS}	Mass _{SMPS}
			[h]			[nmol mol ⁻¹]	[cm ⁻³]	[μg m ⁻³]	[cm ⁻³]
Exp 1	Clean	–	–	–	–	0.3	–	10.8 ^a	–
Exp 2	Ammonium sulfate	–	9.2	0.3	0.7	3343	0.6	1993 ^a	–
Exp 3	SOA background	3:25	11.3	30.6	2.2	1.4	0.1	27.2 ^a	(<)
Exp 4	α-Pinene	5:12	<	19.2	9.3	9255	83.9	8483	92.1
Exp 5	SOA background	5:36	1.0	25.5	17.8	1190	0.4	1082	0.6
Exp 6	Heptadecane	5:34	<	8.4	54.9	2143	112.6	2021	95.4
Exp 7	TMB	5:47	3.1	34.1	36.4	1730	3.8	1737	8.4
Exp 8	α-Pinene	5:30	<	9.7	9.8	2787	10.4	2817	14.9
Exp 9	Ammonium sulfate	–	9.2	1.7	1.5	2077	0.3	1996	0.5
Exp 10	Heptadecane	5:04	<	15.6	43.5	3353	92.9	2495	70.1
Exp 11	Dust (kaolinite) ^b	–	8.2	6.0	1.1	1.3	< ^b	554	4.57