

1 *Supplement of*

2 **Efficient bulk mass accommodation of N₂O₅ into neutral aqueous aerosol**

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16 Table S1. Data for NaNO₃, Na₂SO₄ and 1:1 NaNO₃/Na₂SO₄ aerosol experiments

NaNO ₃					
50% RH			70% RH		
Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.	Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.
0.75	1.78E-02	3.63E-03	0.75	4.17E-02	6.74E-03
1.26	2.73E-02	5.30E-03	1.25	6.40E-02	7.70E-03
1.76	2.83E-02	3.91E-03	1.75	8.61E-02	8.49E-03
2.27	3.62E-02	4.58E-03	2.25	1.07E-01	8.33E-03
2.77	5.25E-02	5.94E-03	2.76	1.17E-01	1.12E-02
3.28	6.12E-02	4.09E-03	3.26	1.48E-01	1.10E-02
3.78	6.80E-02	5.59E-03	3.76	1.68E-01	1.49E-02

Na ₂ SO ₄					
51% RH			70% RH		
Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.	Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.
0.76	1.18E-03	2.65E-03	0.75	4.70E-03	3.48E-03
1.26	1.57E-03	1.61E-03	1.25	5.44E-03	4.31E-03
2.79	2.63E-03	2.61E-03	1.75	6.52E-03	3.32E-03
			2.25	8.86E-03	3.45E-03
			2.76	1.19E-02	3.36E-03
NaNO ₃ +Na ₂ SO ₄					
51% RH			70% RH		
Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.	Time (s)	[N ₂ O ₅] _p (t) / [N ₂ O ₅] _g (t=0)	std.dev.
0.75	1.27E-02	2.14E-03	0.75	3.33E-02	4.19E-03
1.25	1.55E-02	3.26E-03	1.25	5.95E-02	8.93E-03
1.75	2.50E-02	3.65E-03	1.75	6.92E-02	1.13E-02
2.25	2.06E-02	3.47E-03	2.25	1.01E-01	1.21E-02
2.76	2.45E-02	3.99E-03	2.76	1.14E-01	8.94E-03
3.26	2.74E-02	3.47E-03			
3.76	3.92E-02	3.61E-03			