



Supplement of

Diverse mixing states of amine-containing single particles in Nanjing, China

Qi En Zhong et al.

Correspondence to: Chunlei Cheng (chengcl@jnu.edu.cn) and Zaihua Wang (zaihuawang@163.com)

The copyright of individual parts of the supplement might differ from the article licence.

1 **Supplements**

2

3 **Figure S1.** Topography and location of the sampling site (a) location of Nanjing; (b)
4 location of surrounding cities of Nanjing; and (c) location of the sampling site at
5 Nanjing University. The map in (a) is from MeteoInfo developed by Yaqiang Wang;
6 the maps in (b) and (c) are reproduced from Google Maps (2021) (© Google Maps).

7

8

9 **Figure S2.** Temporal trend of the particle count of $^{86}(\text{C}_2\text{H}_5)_2\text{NCH}_2^+$ -containing
10 particles during the sampling period.

11

12

13

14

15

16

17

18

19

20

21

22

23

24

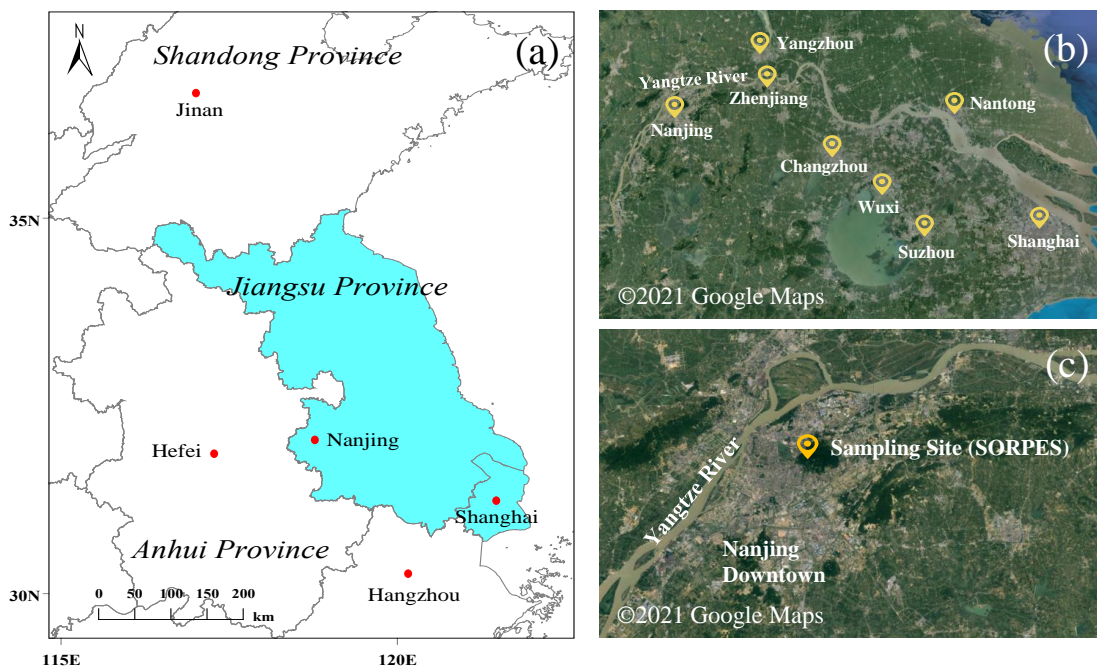
25

26

27

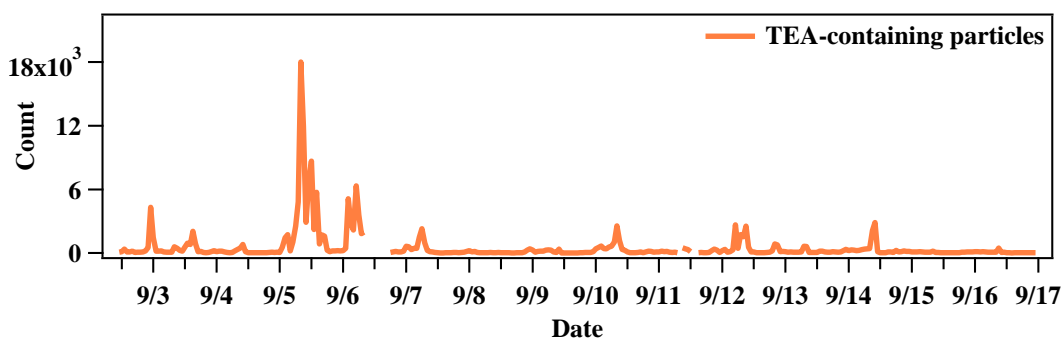
28

29



30
31
32
33
34
35
36
37

Figure S1. Topography and location of the sampling site (a) location of Nanjing; (b) location of surrounding cities of Nanjing; and (c) location of the sampling site at Nanjing University. The map in (a) is from MeteoInfo developed by Yaqiang Wang; the maps in (b) and (c) are reproduced from Google Maps (2021) (© Google Maps).



38
39
40
41

Figure S2. Temporal trend of the particle count of $^{86}(\text{C}_2\text{H}_5)_2\text{NCH}_2^+$ -containing particles during the sampling period.