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Gas-to-particle partitioning of atmospheric amines observed at a mountain site in southern China

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ACCEPTED MANUSCRIPT

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- 2 mountain site in southern China
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11 HIGHLIGHTS

- Gaseous and particulate amines were detected simultaneously at a remote mountain site in
- southern China.
- Amines were mostly likely in the form of aminium nitrate.
- Approximately 7.4% of the total gaseous amines partitioned into the particulate phase.
- Direct dissolution was a crucial step for gas-to-particle partitioning under high relative
- 17 humidity circumstances.

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