

The following technical changes should be applied.

- The statement about the negative interferences given in the answer to Comment 26 should be explicitly included in the paper.
- I suggest to modify the caption of Figure 2 as follows:
Figure 2. Ammonia test measurements by PAS, PTR-MS and CRDS. A: Background signals measured in ammonia-free air. B: Intercomparison of ammonia concentrations measured by PTR-MS and CRDS. C. Instrumental response
- The abbreviation "SD" should be defined (SD = standard deviation ?).
- Table 2: Up limit --> Upper limit
- Table 2: I suggest to change the text of the footnote A as follows:
"Not specified by the producer".
- Table 2: the column "accuracy" should specify the 1σ accuracy of the ammonia concentration data measured by the instrument. This is usually determined by the total error of calibration.
- Table 1 and 3: the number of significant figures (digits) should be adjusted to the precision of data.