

**Application of TXRF in monitoring trace metals in particulate matter and cloud water**  
**AMT-2019-428**

**General comments**

The authors have improved significantly the manuscript. Some technical correction are still needed in the sentences that were added after the first review.

**Technical corrections**

P5 L163. “ ...the freezing helps prevent microbial... ”

L273. “ For the field samples, the values of Al were not adjusted with the percentage of recovery as the sample composition and adhesion of the particles on the filters are different, which could lead to an overestimation of the values. ”

L505. Do you mean : “ Ti was used as the reference element for crustal matter as it had a higher recovery than Al and has been used in many studies as a reference element as its anthropogenic sources are few (Shelley et al., 2015;Buck et al., 2019).” ?

L309. Do you mean : “ The differences between these studies may also be due to the use of different filter materials in these studies. ” ?

L499-500. “ Similar high concentrations were also reported at Mt. Heng in China (Li et al., 2017) ”