

Thank you for providing an extensive revision, I have a few more issues mainly with Language edits and structure, so I recommend acceptance upon these small revisions:

Generally: Please review the manuscript again carefully for sentence structure, grammar, spelling, and wording. There are still several passages that are difficult to follow. I have highlighted some specific examples, but another thorough language revision of the entire manuscript would be beneficial.

MM:

L137: “amass” → a mass

Same line: what is a special syringe? Please clarify

L143: “(was prepared in five replicates)” seems to not belong here.

L144: maybe this wording would be clearer: “...inserting the syringe through the silicone septum into the bag.”

L145: “(was prepared in five replicates)”, I’m now thinking that you mean the number of bottles or bags, correct? If so, maybe start the sentence with that, i.e. line 140: “Consequently, five 250 ml glass bottles...” and line 143: “Five 500 ml aluminum-zip bags ...”

L152/153: why were the bottles flushed 12 min and the bags 6 min? Also, is this not overpressurizing the bags if they are 500 ml containers and you fill them with 600ml?

L 158/159: this sentence is somehow incomplete

L161/162: I understand the “time to analysis” criterion now, however, I would suggest you name it what it is: “storage time”. It sounds much more intuitive.

Section 2.3.2: please re-read and re-phrase (some of) the section, there are some structural and wording inconsistencies in there.

L248: “or” → for

L259: If you discard the first two minutes and the last two, how many minutes remain? And then, please add this information to this sentence, like so maybe: “from the remaining x minutes we computed the average values per replicate...” “

Results:

Section 3.2.2 Please add, that the H₂O concentration was measured during sampling on the CRDS.

Discussion:

Section 4.1 this section is much improved but still contains some redundancies from the results section and could be tightened further.

L444: “... the largest ??? in H₂O.” missing word

L446: “are not completely diffusion-tight.” Add “when punctured”.

L447: delete “here”

L457: check the sentence, some errors