

Referee Re-Review: Chemical characterization of cloud water at Monte Cimone (Italy): impact of air mass origin and assessment of atmospheric processes

Anonymous Referee #2

I appreciate the authors for addressing all of my comments, and I thank them for calculating chloride depletion in the cloud water phase. I was wondering whether the authors have also calculated chloride depletion for the PM phase, as the original draft included the following statement: “ *We observed a depletion of Cl^-_{PM} and $NO^3^-_{PM}$, in the aerosol phase compared to the cloud aqueous phase, particularly visible for samples 09/10 A and B, 10/10 A and B, 17/10 B, 22/10 and 23/10 B and C.*”

Additionally, it is not clear from the response whether any text has been added to discuss the results of the Cl^- depletion calculations, especially given the high percentage of Cl^- depletion for samples under *Period 1*.

Technical comments:

Line 128: should be ‘TOC-VCPH/CPN analyzer’ instead of “TOC-VCPH/CPN TOC analyzer”

Line 532: should be ‘cells·mL⁻¹’ instead of “cells mL⁻¹”

Line 535: should be ‘cells·m⁻³’ instead of “cells m⁻³”