

***Interactive comment on “Assessment of calculation methods for calcium carbonate saturation in drinking water for DIN 38404-10 compliance” by P. J. de Moel et al.***

**P. J. de Moel et al.**

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The authors thank the reviewer for his/her compliments on this work.

We will incorporate the suggested calculation of uncertainty in our revised manuscript.

The actual German law on drinking water quality (“Trinkwasserverordnung”) includes limitations for CCPP (“Calcitlösekapazität”), which requires an indisputable calculation method to be presented in a national standard (i.e. DIN 38404). The reviewer rightly designate the discrepancy in pH in sample 5 within the field of application (German drinking water law:  $6.5 < \text{pH} < 9.0$ ). This discrepancy is also found in the temperature

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of sample 10 as mentioned in the paper. The designated discrepancy will be added to the paper.

We hope that our research, this paper and international scientific support will be relevant for future improving updates of current standards and will hopefully result into international unification of standards on calcium carbonate saturation.

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