

DMSO Combined with Chlorine Dioxide Testing

25mar'22 DMSO testing to learn how quickly it will reduce CLO2 content. A 3 drop dose of MMS1 was made by activating drops for 30 seconds and then added to 120ml of water in a glass, capped bottle. The CLO2 concentration was measured right away. DMSO is 100% concentrated and purchased from the DMSOstore.com three years ago. +20 seconds 35ppm. +15 minutes 37ppm. +30 minutes 35ppm. +45 minutes 35ppm. +1-15 hours 35ppm. Using LaMotte test strips, I would say ppm was about 70.

I wonder if the MMS drops are continuing to activate in the closed bottle, just like CDH is made. And, if the additional CLO2 being created is being reduced by DMSO, just enough to keep the same CLO2 concentration at the same 35ppm? Try the same test using CDS. 9 drops of DMSO were added.

26mar'22 DMSO testing to learn how quickly it will reduce CLO2 content. 100ml of 44ppm CDS in a closed 120ml glass bottle. "*If using CDS, mix the same number of drops of DMSO as ml of CDS.*" (From AK's book on page 137) So, 2 drops of DMSO will be added. The 100ml bottle of 44ppm CDS was made by combining 1.7ml of CDS with 98.3ml of water. +2 minutes 42ppm. +30 minutes 43ppm. + 1 hour 38ppm. +2 hours 42ppm. +3 hours 43ppm. +13 hours 41ppm. Either my DMSO is weak or DMSO does not reduce CLO2 content.

27mar'22 DMSO testing to learn how quickly it will reduce CLO2 content. 120ml of 39ppm CDS in a closed 120ml glass bottle. 9 drops of 100% DMSO was added to the bottle of CDS. This is the same amount of DMSO that was added for the MMS1 DMSO test on 25mar'22 with a similar amount of CLO2 in the bottle. +30 seconds 40ppm. + 1 hour 38ppm. +2 hours 38ppm. +3 hours 40ppm. +4 hours 40ppm. +20 hours 40ppm. Put the bottle of DMSO in a fridge and it froze solid after a few hours, so this DMSO is good. **Looks like DMSO does NOT reduce CLO2 content in CDS or MMS1.** Asking those who have a photometer to also test to see what they find. Tested with a LaMotte test strip and a perfect match at 100ppm. CLO2 test strips typically read about twice what the photometer reads.
