

## How to Make 3000 ppm CDS Using MMS & 4% HCL

The Genesis II Church, in Jim Humble's 2015 book *MMS Health Recovery Guidebook*, states that 4% HCL is now the recommended activator for MMS\*. Four percent HCL will also work to make 3000 ppm CDH, but it will not produce 3000 ppm CDS using the safe, overnight method, at least it won't using the current accepted procedure.

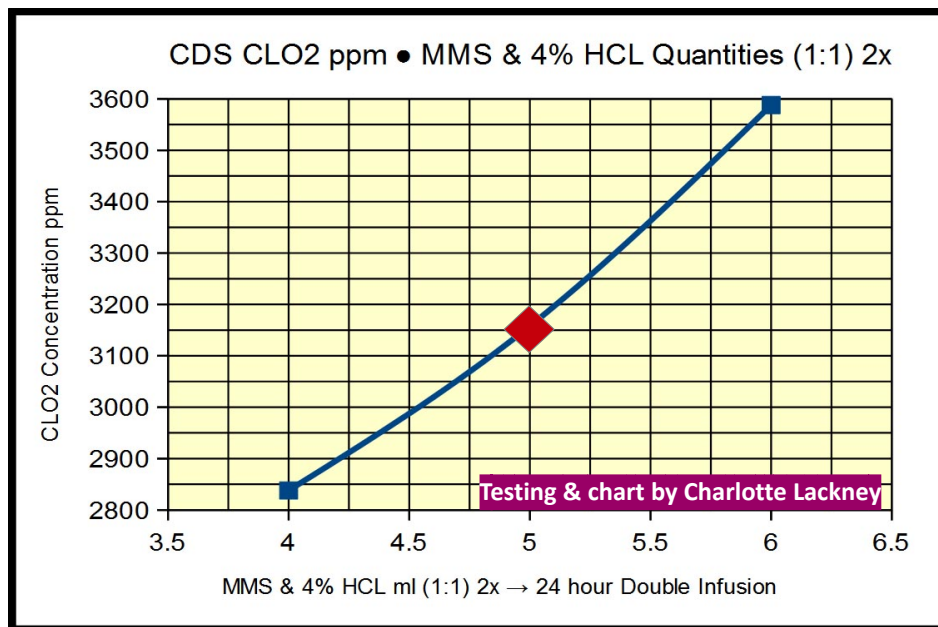
So, testing was done to discover a recipe that would make 3000 ppm CDS using MMS and 4% HCL with the overnight procedure. Below you see a chart showing testing results that it is possible to make 3000 ppm CDS using MMS and 4% HCL.

As you can see, a total of 9 ml of MMS and 9 ml of 4% HCL will achieve this goal. But the chart shows 4.5 ml at the 3000 ppm line! The way this works is that a total of 9 ml of each ingredient is used, but half of that at a time. It requires two separate infusions of CLO<sub>2</sub> gas (chlorine dioxide gas) into the same distilled water, now converted to CDS.

At the beginning of the procedure, 4.5 ml of MMS and 4.5 ml of 4% HCL are put into the reactor container which is then placed in the 500 ml receiver container that holds 240\*\* ml of distilled water.

Then, 12 hours later, discard the reactor solution and add a fresh solution of 4.5 ml of MMS & 4.5 ml of 4% HCL and continue the procedure another 12 hours for a total of 24 hours.

**I suggest you use 5 ml of MMS and 4% HCL to be sure you get 3000 ppm or slightly higher CDS.**



In the past it was said that 10% HCL was needed to make 3000 ppm CDS and that did work well. But most people do not have 10% HCL, instead they usually have 4% HCL. Now, all Sodium Chlorite Solutions (SCS) can be made with 4% HCL so the user only needs to buy 4% HCL, not 5% or 10%. Nor is 50% citric acid needed to make MMS1, CDH or CDS. Do not use 5% HCL to make CDH because it will only be effective for a very short time. Using 4% HCL to make CDH, the shelf life is two weeks.

When using CDS be sure to follow CDS protocols and not MMS1\* protocols. CDS and MMS1\* are different.

\*\*In 2015 we were using Jim Humble's 24 drops/ml standard and 240ml was a common quantity of CDS. Today, we use 20 drops/ml and now use 250ml in place of 240ml CDS. The correct recipe is: 250ml of CDS water, 5ml of SCS + 5ml of 4% HCL, infused twice.



240ml distilled water + 5ml MMS + 5ml 4% HCL.  
24 hour double infusion, once at the start of the test and a second at + 12 hours. 1650 → 3100 ppm  
single infusion vs double infusion.

79 mg of CLO<sub>2</sub> generated from 1 ml of MMS. Conversion efficiency MMS to CLO<sub>2</sub> is 50%.



500 ml capacity clamp-lid glass **receiver** container, silicone lid-to-jar **gasket**, and 90 ml capacity **reactor** glass candle holder. **Reactor** is 2" (5 cm) diameter, 2.5" (6.35 cm) tall.

\*MMS is 22.4% **Sodium Chlorite Solution** (SCS)

\*MMS1 is MMS plus an acid activator, or **Acidified Sodium Chlorite** (ASC).