

Name: _____
Section: _____ Date: _____

Preliminary Report

Experiment: NMR

Calculate the following:

1. Molarity of hydrogen (H1) in pure water.
 2. Molarity of hydrogen (treat all six protons as equivalent) in pure DMSO.
 3. Molarity of hydrogen in $\text{CHD}_2\text{-CO-CD}_3$ (the residual proton peak of D6-DMSO nmr solvent (99.96% isotopically pure)).
 4. Molarity of caffeine in a typical cup of coffee.
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