

Download Freezing Point Depression Lab Answers

Transcript of Molecular Mass by Freezing Point Depression Lab. Mass 8.00 g of BHT, an empty test tube, and the test tube with the BHT. Heat the water until 90 degrees Celsius after the test tube is submerged. Once the water is at 90 degrees Celsius remove the test tube. Stir the BHT continuously and record the temperature every 20 seconds. Determination of molar mass by freezing point depression lab. From the graph I determined the freezing point of t butanol as 23 C. Please check if ΔT_f or molality of t butanol solution is correct. The freezing point depression of Solution 1 is -4.4 C, and the freezing point depression of Solution 2 is -7.7 C. The freezing point depression can be determined by subtracting the temperature of the solution by the temperature of the water.