



# Colligative properties of sea water

The colligative molality of sea water is 1.1 m and its density is 1.02 gm/cm<sup>3</sup>. Given that the vapor pressure of pure water is 25 mmHg at 298 K calculate the following:

- A. The vapor pressure of sea water
- B. The freezing point of sea water
- C. The boiling point of sea water