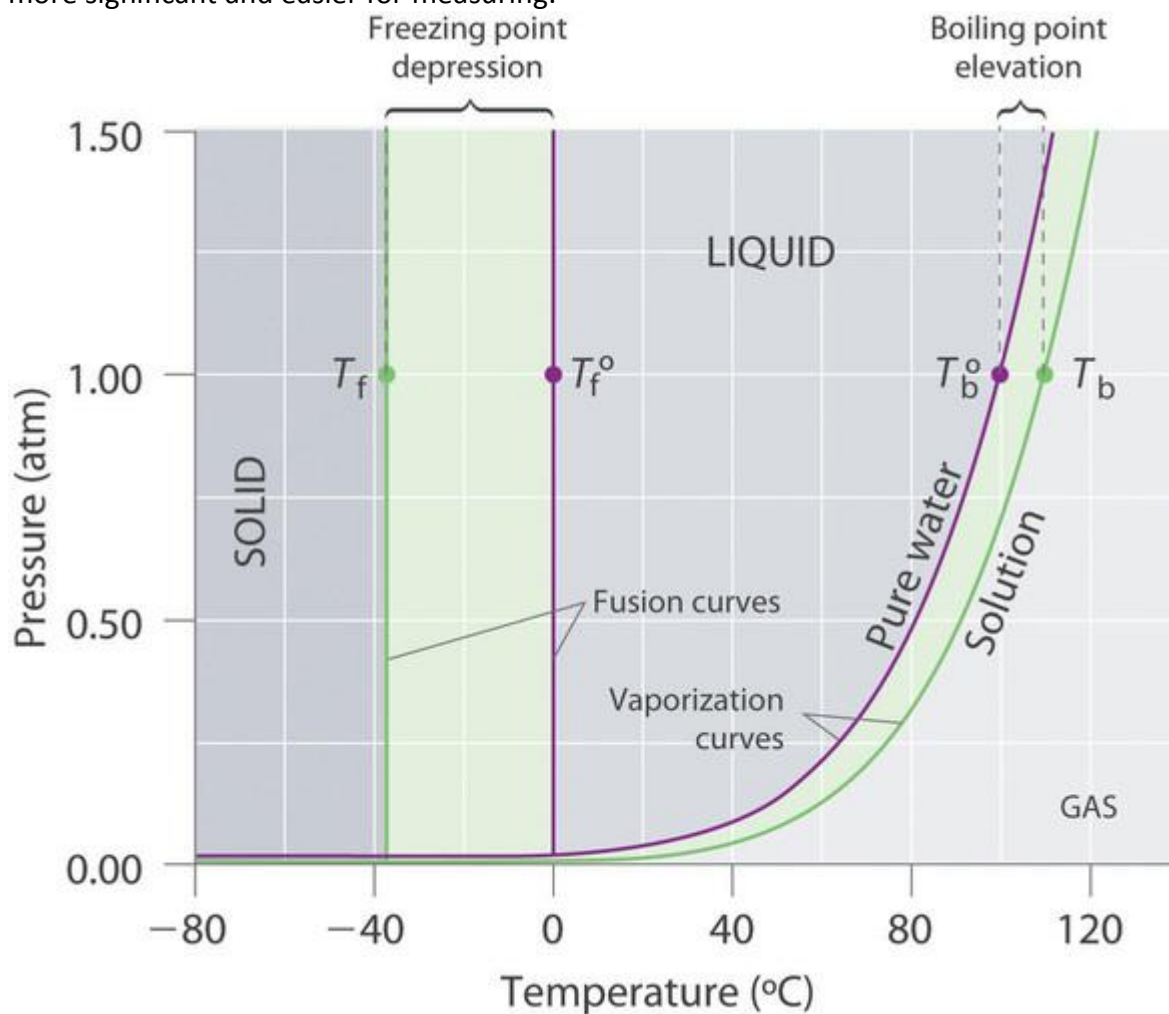


## Answer on Question #76842 – Chemistry – General Chemistry

What is the advantage of measuring changes in freezing point rather than changes in boiling point in determining whether or not solute is present?

### Solution:

Aqueous solutions have both a lower freezing point and a higher boiling point than pure water. The freezing point changes in wider temperature range than boiling point, such changes are more significant and easier for measuring.



Freezing is the process of transformation liquid phase into solid and evaporation (boiling) - liquid phase into vapour. That's why easier to measure freezing temperature not boiling.