

Name: _____ Date: _____ Per: _____ Table: _____

IC2 - L3 Melting Point Data & Photos

| | Fat | Soap |
|---------|-----|------|
| Set-up | | |
| Melting | | |

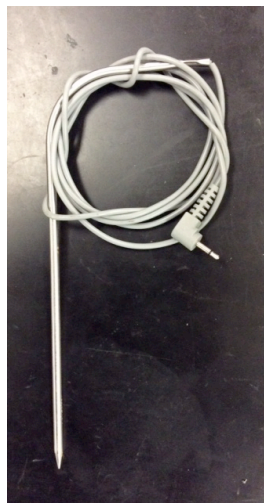
IC2 - L3 Melting Point Procedures 2017

1. All tables are testing soap and fat. Even numbered tables are using 5 grams of substance. Odd numbered tables are using 10 grams of substance.
2. A Put 100ml of tap water in each 400 ml beaker. Just use the marks on the side of the beaker to measure.
3. B Place a small piece of paper on the scale. Tare. Weigh out g of substance.
4. C Place g of soap in one small beaker.
5. Place g of fat in the other small beaker.
6. & Record starting temp (C) of substance.
7. Place one small beaker in each large beaker. All group members take a photo of your set-up and put in your data table above.
8. B Place large beakers on hot plate. Plug in hot plate and turn onto Level 2.
9. & Without letting the probe tip touch the bottom of the beaker, record temp of substance as soon as it starts to melt. Take a photo and put in your data table above.
10. Repeat step 9 when all of the substance has melted.
11. Unplug hot plate & Turn thermometer off.
12. Clean all glassware at your assigned sink, using hot water and soap, and place upside down in tub.
13. Tub should be neatly organized (see a & b below and photos on next page)
 - a. Thermometers in plastic cup.
 - b. Thermometer probe cords unplugged, coiled (see photo), & upright in plastic cup.
14. Scale on front counter.
15. Wipe down your counter area and table with a damp rag.
16. Fold the rag and place next to your tub in the center of your table.
17. I will dismiss you by table, so your group needs to be seated and silent.

16. I will dismiss you by table, so your group needs to be seated and silent.

Temp Probe

Tub STEP 16



Science Rocks!