

Mole Lab Station #6

Calculations

$(23.0 \times 2) + 12 + (16.0 \times 3) = 106 \text{ g}$

Station 6: Find the Head Mole (Mr. Brown) and measure out 0.225 mol of Na_2CO_3 . Place it in a weigh boat and hand it in with the name of your group. Show all of your work!

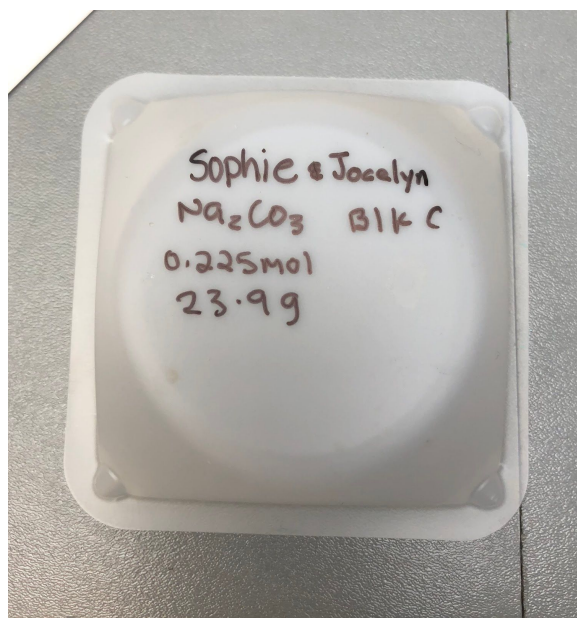
$0.225 \text{ mol} \times \frac{106 \text{ g}}{1 \text{ mol}} = 23.9 \text{ g}$

Mass of weigh boat: 2.19 g

Name of the Substance: Sodium Carbonate

Mass of 23.9 mol of the Substance: Na_2CO_3

Labeled Boat



Correct mass of the scale

