## Calculations

## (1) Mass Difference

Mass Difference $=$ Final Mass (g) - Initial Mass (g)
Mass Difference $=5.64 \mathrm{~g}-3.34 \mathrm{~g}$
Mass Difference $=2.30 \mathrm{~g}$
(2) Percent Change in Mass

Percent Change in Mass $=$ Mass Difference $(\mathrm{g}) \times 100 \%$
Initial Mass(g)
Percent Change in Mass $=\underline{2.30 \mathrm{~g} \times 100 \%}$
5.64 g

Percent Change in Mass $=40.78 \%$

## (3) Average Percent Change in Mass

Average Percent Change in Mass = Average Mass (Group \#1) + Average Mass (Group \#2)... Total Number of Groups

Average Percent Change in Mass =
$13.52 \%+13.92 \%+19.67 \%+4.96 \%-3.80 \%+15.38 \%+24.44 \%+23.80 \%+18.84 \%$
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Average Percent Change in Mass $=14.52 \%$

