

Conservation of Mass Lab – Theoretical Data

Note: These data are only to be used if you were absent for the lab or have approval from Miss Mercer

Mass of bottle + acetic acid: 60.52 g

Mass of small test tube: 7.53 g

Mass of test tube + sodium bicarbonate: 9.14 g

Total mass before mixing: 69.70 g

Total mass after mixing (sealed): 69.65 g

Total mass after mixing (opened): 69.06 g

Observations: When the vinegar enters the test tube with the baking soda in it a gas is produced (lots of fizzing)

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