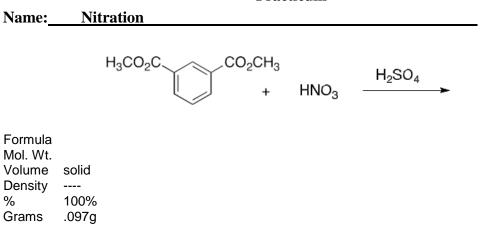
Chemistry 202L Practicum



- Using your laboratory textbook and your write-up of a similar experiment, outline a pre-lab: grams/mL of reactants and solvents, reaction conditions, quenching, work-up, purification, analysis. You will need to use 3.0 equivalents of concentrated (70%) nitric acid which has a density of 1.4 g/mL.
 Other differences from your previous nitration experiment are :
- 1. You will not cool the sulfuric acid/dimethyl isophthalate solution.
- 2. You will add the nitric acid over a 10 second period at room temperature
- 3. After adding the nitric acid, you will stir and heat the reaction mixture in a water bath heated to45-55 C° for 15 minutes.
- 4. Recrystallize on a Hirsh funnel using ethanol.