

% Yield % Purity Inquiry Based Lab

You have been provided with a unique solution combination in class. Using this, complete the following stoichiometric calculations:

Background:

Balanced Equation, listing givens and unknowns (include states)

Hypothesis:

Expected mass of precipitate produced (based on stoich)

Results:

Table 1:

Mass of Filter Paper (g)	
Mass of Filter Paper + Dry Precipitate (g)	
Mass of Dry Precipitate (g)	
Notes	

Calculations:

Calculate the % Yield of your experiment

Analysis of Results:

List 3 valid scientific reasons for your suspected yield