	Part 1: Data and res	sults. Complete the giver	n tables wi	Date: _ th signific:	ant figures a	Section: and units, where applicable
		d chemical reaction for the				
_		Pre	eparation o	of Aspirin		
1	Manager				r Work Her	re. Value
1	flask	c acid and 125-mL				10100
2	Mass of empty 1	25-mL flask				101.00
3	Mass of salicylic					94.79
4	Volume of acetic				10	6.269
5	Mass of aspirin a					9.58
6	Mass of empty we					21.76
7						1.960
,	Mass of aspirin (e actual) {L5} - {L6				Y	ingeind colais dryafor
8	Theoretical yield	of aspirin (eq 5)			20	therest ground to cause this r
9	Percent yield of as					
10	Color of prepared				18	
11	Physical state of pr					White
-	(solid, liquid, or gas	cpared aspirin				
	(sond, fiquid, or gas	5)				modly T
	(sond, inquid, or gas	ed bluck is dutt in many in	pH Test	iry Julyanan		mostly so
	Item	Color of pHydric	pH Test	pH	Conclus	tty and thoroughly Explain
1	Item	ed blue will must regularly		Claims h	Conclus	ion (carboxylic acid or n
P P	Item	ed blue will must regularly		3	Conclus	tty and thoroughly Explain
P Sa	Item Prepared aspirin alicylic acid	ed blue will must regularly		Claims h	Conclus	ion (carboxylic acid or n
P Sa	Item	ed blue will must regularly		3	Conclus	ion (carboxylic acid or n
P Sa De	Item Prepared aspirin alicylic acid eionized water	Color of pHydric  Organge  Green	on Paper	3 6	the business	ion (carboxylic acid or n
P Sa De	Item Prepared aspirin alicylic acid eionized water	ed blue will must regularly	on Paper	3 6	the business	ion (carboxylic acid or n
P Sa De	Item Prepared aspirin alicylic acid eionized water	Color of pHydric  Organge  Green	on Paper	3 6	the business	ion (carboxylic acid or n
P Sa De	Item Prepared aspirin alicylic acid eionized water	Color of pHydric  Orange  Green  Grant general color a phenomeron of the phenomeron	on Paper	3 3 6	the business	ion (carboxylic acid or n
P Sa De	Item Prepared aspirin alicylic acid eionized water the balanced chemi	Color of pHydric  Ofange  Green  Cal reaction for a pheno  Iron(III	on Paper of with iron	3 3 (III) chlo	ride,	ion (carboxylic acid or n
Si P	Item Prepared aspirin alicylic acid eionized water the balanced chemi	Color of pHydric  Ofange  Green  Cal reaction for a pheno  Iron(III  Initial Appearance	on Paper  of with iron  chloride  Final	3 6 n(III) chlo	ride.	ion (carboxylic acid or n
P Sa De Write	Item Prepared aspirin alicylic acid eionized water the balanced chemi	Color of pHydric  Ofange  Green  Cal reaction for a pheno  Iron(III	on Paper  of with iron  chloride  Final	3 3 (III) chlo	ride.	ion (carboxylic acid or n carboxylic acid?)
P Sa De Write	Item Prepared aspirin alicylic acid eionized water the balanced chemi Item Iron(III) chloride	Color of pHydric  Ofange  Green  Cal reaction for a pheno  Iron(III  Initial Appearance	on Paper  of with iron  chloride  Final	3 6 n(III) chlo	ride.	ion (carboxylic acid or n carboxylic acid?)
Si PP Si Si Do	Item Prepared aspirin alicylic acid eionized water the balanced chemi Item Iron(III) chloride gent only) ared aspirin	Color of pHydric  Orgage  Orgage  Green  cal reaction for a pheno  Iron(IIII  Initial Appearance of Solution	on Paper  of with iron  chloride  Final	3 6 n(III) chlo	ride.	ion (carboxylic acid or n carboxylic acid?)
Si PP Si Si Do	Item Prepared aspirin alicylic acid eionized water the balanced chemi Item Iron(III) chloride	Color of pHydric  Orange  Orange  Green  Iron(III  Initial Appearance of Solution	on Paper  of with iron  chloride  Final	3 6 n(III) chlo	ride.	ion (carboxylic acid or n carboxylic acid?)
Salicy	Item Prepared aspirin alicylic acid eionized water the balanced chemi Item Iron(III) chloride gent only) ared aspirin	Color of pHydric  Orgage  Orgage  Green  cal reaction for a pheno  Iron(IIII  Initial Appearance of Solution	on Paper  of with iron  chloride  Final	3 6 n(III) chlo	ride.	ion (carboxylic acid or n carboxylic acid?)