

Name _____

Section _____

Desk# _____

Date _____

ONLINE DATA

Lab Partner's Name _____

Ternary Mixture Data Sheet

Code Number of Unknown Mixture 999

	<i>Determination</i>	
	<i>First</i>	<i>Corrections</i>
1. Mass of 100 ml Beaker + sample, g	<u>115.398</u>	_____
2. Mass of 100 ml Beaker, g	<u>112.545</u>	_____
3. Mass of sample, g	_____	_____
4. Mass of 400 ml Beaker + NaCl, g	<u>140.233</u>	_____
5. Mass of 400 ml Beaker, g	<u>138.735</u>	_____
6. Mass of NaCl, g	_____	_____
7. Mass of casserole + SiO ₂ , g	<u>87.451</u>	_____
8. Mass of casserole, g	<u>86.623</u>	_____
9. Mass of SiO ₂ , g	_____	_____
10. Mass of evaporating dish + CaCO ₃ , g	<u>93.387</u>	_____
11. Mass of evaporating dish, g	<u>92.902</u>	_____
12. Mass of CaCO ₃ , g	_____	_____
*13. Total Mass of Recovered NaCl, SiO ₂ & CaCO ₃ , g	_____	_____
*14. Percent NaCl in the mixture, %	_____	_____
*15. Percent SiO ₂ in the mixture, %	_____	_____
*16. Percent CaCO ₃ in the mixture, %	_____	_____
*17. Percent Recovery, %	_____	_____
*18. Percent Error, %	_____	_____

* On a separate sheet of paper, show calculations for starred items.