

NAME: _____

DATE: _____

PARTNER: _____

PART I: IDENTIFICATIONResults:

	Baking Soda	Starch	Alka Seltzer	Table Salt
White Vinegar				
Iodine Tincture				
Distilled Water				

CONCLUSIONS:

Briefly describe how you can identify each powder by **chemical analysis**. Your conclusions should be brief, but to the point.

(HINT: Consider in which way the four powders are different from each other, based on their behavior towards the three liquid reagents).

A: Baking Soda:

B: Corn Starch:

C: Alka Seltzer:

D: Table Salt:

PART II: ANALYSIS

1. Report your unknown mixture numbers:

Two-powder mixture: _____

Three-powder mixture: _____

2. Results

	Unknown #	Unknown #	Unknown #
White Vinegar			
Iodine Tincture			
Distilled Water			

3. Conclusions:

Two-Powder Mixture

Unknown # _____ contains: _____

Two-Powder Mixture

Unknown # _____ contains: _____

Three-Powder Mixture

Unknown # _____ contains: _____

Student Signature: _____

Instructor