

Exp. Number 3	Experiment Title/ Subject Inorganic Synthesis.		
Name Kevin Zhang	Lab Partner Jonah Sacher	Course	Section

Water: 59.9 mL

Sodium sulfite: 12.598 g

powdered sulfur: 3.498 g

weight of filter paper: 0.605 g

weight of paper + $\text{Na}_2\text{S}_2\text{O}_3$: 9.915 g

Weight of crystals: $9.915 \text{ g} - 0.605 \text{ g} = 9.310 \text{ g}$

Qualitative

- Cloudy solution with clear bottom
→ seems to separate into two separate immiscible liquids
- Iodine + crystals became completely clear with some excess ~~top~~ crystals on the bottom.
- Solution became cloudy after heating
Smelled of strong sulfur smell.

Student's Signature	Date	Instructor/TA Signature	Date
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Note: Insert Foldover Back flap under each copy set before writing