Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Experiment 6**

**Fractional Distillation of 1:1 Mixture of Ethyl Acetate and 1-Butanol**

**Grading Cover Sheet**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. | Format | \_\_\_\_\_ | of | 5 | pts |
| 2. | Title/Name/Section/Date | \_\_\_\_\_ | of | 3 | pts |
| 3. | Abstract | \_\_\_\_\_ | of | 3 | pts |
| 4. | Introduction, Results and Discussion | \_\_\_\_\_ | of | 13 | pts |
| 5. | Conclusion | \_\_\_\_\_ | of | 2 | pts |
| 6. | Experimental |  |  |  |  |
|  | i. General Methods | \_\_\_\_\_ | of | 2 | pts |
|  | ii. Detailed Experimental | \_\_\_\_\_ | of | 9 | pts |
| 7. | Supporting Information | \_\_\_\_\_ | of | 3 | pts |
| 8. | Reference | \_\_\_\_\_ | of | 2 | pts |
| 9. | Table of Physical Constants | \_\_\_\_\_ | of | 4 | pts |
| 10. | Data |  |  |  |  |
|  | i. Table (volume, temperature) | \_\_\_\_\_ | of | 4 | pts |
|  | ii. Distillation Results | \_\_\_\_\_ | of | 6 | pts |
| 11. | Plot of Distillation vs. Temp | \_\_\_\_\_ | of | 9 | pts |
| 12. | GC traces and tables | \_\_\_\_\_ | of | 15 | pts |
|  | Total | \_\_\_\_\_ | of | 80 | pts |