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

**Experiment 3**

**Column Chromatography**

**Grading Cover Sheet**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. | Format | \_\_\_\_\_ | of | 5 | Pts |
| 2. | Title/Name/Section/Date | \_\_\_\_\_ | of | 3 | Pts |
| 3. | Abstract | \_\_\_\_\_ | of | 3 | Pts |
| 4. | Introduction, Results & Discussion | \_\_\_\_\_ | of | 8 | Pts |
| 5. | Conclusion | \_\_\_\_\_ | of | 3 | Pts |
| 6. | General Methods | \_\_\_\_\_ | of | 1 | Pts |
| 7. | Detailed Experimental |  |  |  |  |
|  | i. Procedure | \_\_\_\_\_ | of | 5 | Pts |
|  | ii. Observations | \_\_\_\_\_ | of | 15 | Pts |
| 8. | Supporting Information Statement | \_\_\_\_\_ | of | 3 | Pts |
| 9. | References | \_\_\_\_\_ | of | 2 | Pts |
| 10 | Table of Physical Constants | \_\_\_\_\_ | of | 10 | Pts |
| 11. | Results |  |  |  |  |
|  | 1. Drawing of TLC Plates | \_\_\_\_\_ | of | 4 | Pts |
|  | 1. Identification and *Rf* values | \_\_\_\_\_ | of | 8 | Pts |
|  | 1. Quality of separation | \_\_\_\_\_ | of | 4 | Pts |
|  | 1. Percentage Recovery | \_\_\_\_\_ | of | 16 | Pts |
|  | Total | \_\_\_\_\_ | of | 90 | Pts |