

Date:

|                   |        |        |        |        |        |
|-------------------|--------|--------|--------|--------|--------|
| Experiment        | Exp 1  | Exp 2  | Exp 3  | Exp 4  | Exp 5  |
| Start Time        |        |        |        |        |        |
| Liquid            |        |        |        |        |        |
| Gas               |        |        |        |        |        |
| Bioreactor Volume |        |        |        |        |        |
| Agitation         |        |        |        |        |        |
| Temperature       |        |        |        |        |        |
| Impellers         |        |        |        |        |        |
| Gas Flow Rate     |        |        |        |        |        |
| Experiment        | Exp 6  | Exp 7  | Exp 8  | Exp 9  | Exp 10 |
| Start Time        |        |        |        |        |        |
| Liquid            |        |        |        |        |        |
| Gas               |        |        |        |        |        |
| Bioreactor Volume |        |        |        |        |        |
| Agitation         |        |        |        |        |        |
| Temperature       |        |        |        |        |        |
| Impellers         |        |        |        |        |        |
| Gas Flow Rate     |        |        |        |        |        |
| Experiment        | Exp 11 | Exp 12 | Exp 13 | Exp 14 | Exp 15 |
| Start Time        |        |        |        |        |        |
| Liquid            |        |        |        |        |        |
| Gas               |        |        |        |        |        |
| Bioreactor Volume |        |        |        |        |        |
| Agitation         |        |        |        |        |        |
| Temperature       |        |        |        |        |        |
| Impellers         |        |        |        |        |        |
| Gas Flow Rate     |        |        |        |        |        |
| Experiment        | Exp 16 | Exp 17 | Exp 18 | Exp 19 | Exp 20 |
| Start Time        |        |        |        |        |        |
| Liquid            |        |        |        |        |        |
| Gas               |        |        |        |        |        |
| Bioreactor Volume |        |        |        |        |        |
| Agitation         |        |        |        |        |        |
| Temperature       |        |        |        |        |        |
| Impellers         |        |        |        |        |        |
| Gas Flow Rate     |        |        |        |        |        |
| Experiment        | Exp 21 | Exp 22 | Exp 23 | Exp 24 | Exp 25 |
| Start Time        |        |        |        |        |        |
| Liquid            |        |        |        |        |        |
| Gas               |        |        |        |        |        |
| Bioreactor Volume |        |        |        |        |        |
| Agitation         |        |        |        |        |        |
| Temperature       |        |        |        |        |        |
| Impellers         |        |        |        |        |        |
| Gas Flow Rate     |        |        |        |        |        |