

## BACTERIOLOGY 102 REPORT EVALUATION – SPRING, 2006

### INTRODUCTION (10 points): \_\_\_\_\_

General introduction.    **OK**    **INC**    **NotOK**

Exploitable characteristics of organisms indicated  
(at least those which are relevant  
to the items in the column at right).    **YES**    **INC**    **NO**

(Exploitable characteristics indicated  
in Discussion if not in Introduction.    **YES**    **NO**    **N.A.** )

(Additional comments written in report.)

**10.2** Extracellular enzymes  
needed by organism to break  
down starch & casein.

**11.1** Photoheterotrophy  
set up for including succinate  
as carbon source.

**11.2** Heat-shocking AND  
aerobic incubation

**11.3** No N cmpds in medium.

### MATERIALS & METHODS (4 points): \_\_\_\_\_

Not extensive; refers to manual as per guidelines.

Has information about source material?

Accounts for additional procedures we did for which we obtained results?

### RESULTS (12 points): \_\_\_\_\_

Tables: Text includes reference to tables?  
Results of isolates put into tables?  
Table(s) consolidated OK (not too many)?  
Colony characteristics indicated?

Re 11.1 or 11.3: Observations of enrichments included?  
Results of enrichments and isolates kept separate?  
Results of last test with pure isolates included?

Re 11.2: CFUs/ml of suspension included?  
Something about colony variety included?  
General results kept separate from table of isolates?  
Microscopic observations (incl. center vs. edge) in table?

(Other comments written in report.)

### DISCUSSION (12 points): \_\_\_\_\_

Considerations:

- Source material:
- Treatment of inoculum:
- Need for enrichment:
- Medium:
- Incubation conditions:

Last test (in 11.1 or 11.3) analyzed correctly?

Statement on success?

(Other comments written in report.)

### Referencing (4 points): \_\_\_\_\_

Quotes quoted properly?

Hard facts specifically referenced OK?

Formatting of references OK/consistent?

URLs/web addresses OK?

(Other comments written in report.)

### Overall Organization (8 points): \_\_\_\_\_

Title OK?

Proper divisions and consistent headings?

“Extra” figures, tables, etc. properly referred to?

Everything well-organized and readable?

Proper form used for genus  
and species (**p. 149**).

Appropriate singular/  
plural usage (**p. 149**).