

Name_____

Date_____

Laboratory Report Grading Sheet

____/1pt

Title

Title accurately describes papers contents

Topic: Ultraviolet Light and its lethal effects (.25pt)

Organism names: *Staphylococcus epidermis*, *Bacillus megatarium* (.25pt)

Independent variable: condition that was changed (.25pt)

____/2pts

Abstract

Objective: give background/justification for experiment (.5pt)

Methods: briefly state what you did (.5pt)

Results: summarize what you saw (.5pt)

Conclusion: statement of why this work was important (.5pt)

____/5pts

Introduction

Justify experiment (1pt)

Why are you doing this?

Background Information (2pts)

Ultraviolet Light

Pyrimadine dimers

Endospore forming bacteria

Staphylococcus epidermis, *Bacillus megaterium*

Hypothesis (2pts)

What do you think is going to happen?

____/1pt

Materials and Methods

Clearly outline in paragraph form (.5pt)

Variables should be clearly defined (.5pt)

Independent

Dependent

Controls

___/5pts

Results

Text summarizing major findings (1pt)

Tables/Figures easily illustrate results (1pt)

Tables/Figures are properly titled (1pt)

Tables/Figures have appropriate labels and legend (1pt)

Tables/Figures are referenced in the text (1pt)

___/5pts

Discussion

Objectives and hypothesis restated (1pt)

Results analyzed correctly (1pt)

Addresses problems with experimental procedure (1pt)

Suggestions for applications/future research (1pt)

Appropriate closure (1pt)

How does this information help the scientific community?

___/1pt

Spelling and Grammar

___/20pts

This sheet must be attached to the front page of your lab report if not you will receive a 3 point deduction