

# UNKNOWN BACTERIUM Data Sheet

## Morphological Unknown

You will not necessarily fill out all the blanks on this form; use only what you need.

On the back of this sheet, make a flow chart indicating, step by step, how you arrived at your identification: e.g. why you selected specific tests and stains, how you interpreted the results of those tests and stains, why you did or did not accept a specific test result, etc.

## COLONIAL CHARACTERISTICS

Size: \_\_\_\_\_

Margin: \_\_\_\_\_

Elevation: \_\_\_\_\_

Surface: \_\_\_\_\_

Pigment produced: \_\_\_\_\_ color: \_\_\_\_\_

Media used: \_\_\_\_\_

Optimum temperature: \_\_\_\_\_

Catalase: \_\_\_\_\_

Hemolysis: \_\_\_\_\_

## NOTES

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

Unknown #: \_\_\_\_\_

Species Identification: \_\_\_\_\_

## MICROSCOPIC MORPHOLOGY

Gram stain: \_\_\_\_\_

Cell shape: \_\_\_\_\_

Cell arrangement: \_\_\_\_\_

Cell size: \_\_\_\_\_

Motility: \_\_\_\_\_

Spores or Capsules: \_\_\_\_\_

Acid fast: \_\_\_\_\_

Diagrams: