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THE
INDIANA UNIVERSITY
Bacterial Culture Chart



616.01
In 2
p...

THE
INDIANA UNIVERSITY
Bacterial Culture Chart

1984

BACTERIAL CULTURE CHART

Organism No. _____

Date _____

CULTURAL CHARACTERISTICS:

Surface Colonies:

SKETCHES

Deep Colonies:

24 hours at 37.5° C.

48 hours at 37.5° C.

5 days later at 20° C.

SKETCHES

1. PLATE

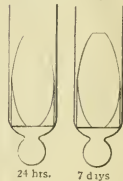
2. AGAR STREAK

3. POTATO

4. BOUILLON

5. LITMUS MILK

6. GLUCOSE AGAR



Indiana Univ. g.

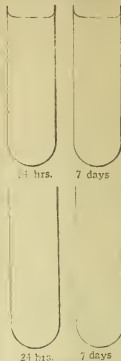
17 NY 30 1062 2 20

24 hours at 20° C.

48 hours at 20° C.

7 days at 20° C.

SKETCHES

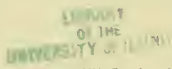


MORPHOLOGICAL CHARACTERISTICS:

1. Form, size and cell grouping
2. Motility
3. Spores
4. Special characters
5. Staining reactions: a. Gram's stain

SKETCHES

PHYSIOLOGICAL CHARACTERISTICS:




1. Fermentation tube:
 - a. Growth and reaction: (i) In bulb ... (ii) In closed arm
 - b. Percentage of gas produced:

	DEXTRÖSE	LACTÖSE	SACCHARÖSE
24 hours			
48 hours			
$\frac{H}{CO_2}$			

2. Reduction of nitrates: a. To nitrites ... b. To ammonia
3. Indol production: 24 hours ... 48 hours ... 4 days
4. Characteristic odor
5. Special characters

PATHOGENICITY, SERUM REACTION, Etc.

REFERENCES, NOTES, Etc.



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