

Name:

Unknown #

Physical Characteristics				Sequence of Tests	
Staining		Colony Characteristics		Please attach Dichotomous Key	
☐ Cocci	☐ Gram-pos	Color	#	Test	
☐ Rods	☐ Gram-neg	Shape	1		
☐ Spiral/vibr.		Elevation	2		
☐ Filamentous			3		
Arrangement		Size	4		
☐ single	☐ pairs	Remarks	5		
☐ parallel	☐ chains		6		
☐ clusters	☐ tetrads		7		
☐ Photo attached		☐ Photo attached	Write your identification in the box below (bottom of page)		
Endospores	☐ Yes ☐ No	Motility	☐ Yes ☐ No		
Biochemical Characteristics					
Fermentation					
Glucose	☐ Acid ☐ Gas ☐ Base/negative	Lactose	☐ Acid ☐ Gas ☐ Base/negative	Sucrose	☐ Acid ☐ Gas ☐ Base/negative
G/L/S combination test		☐ AAA ☐ AA – ☐ A – A ☐ A – – ☐ – – –			
Hydrolysis					
Starch	☐ Positive ☐ Negative	DNA	☐ Positive ☐ Negative	Casein	☐ Positive ☐ Negative
		Gelatin	☐ Positive ☐ Negative		
Enzymes					
Catalase	☐ Positive ☐ Negative	Urease	☐ Positive ☐ Negative	Oxidase	☐ Positive ☐ Negative
		Citrate	☐ Positive ☐ Negative		
Other Tests					
Nitrate Reduction	☐ Positive ☐ Negative	H₂S production	☐ Positive ☐ Negative	Indole Production	☐ Positive ☐ Negative
Other Tests					
Methyl Red	☐ Positive ☐ Negative		Voges-Proskauer	☐ Positive ☐ Negative	
Grading					
Identification (20 pts)	(write your first guess here)				Score
Second chance (15 pts)	(write your second guess here if you missed your first try)				
Dichotomous key (5 pts)			Bonus points	+	
		pts			pts