## Laboratory 10: Biochemical activities of booteria.

Tests Res	ults:			NFRA	4,23
_	ydiolisis: (NRFA)			4	
if lipase	is present fats are	hydralized to glycrol and fall	g acids → Changing Ph → gives c	a pink color	
<u>E</u> coli	_, negative _s.a	veus _, postive (has the lipase	) Break down lipids	2005	
* Urea u	Hilization: Check	ing the overseast weeke.	, break down urea freez amonia_	- liftPh	S. C.
	li		Ha	t makes it	
				line to the	
X- Citrate	utilization: Aerobic p	roccess which increase ph Blu	e High pH		H .
	mophend blue , as			7	
Blue+(	due to the precence	ofamonia) green , nega .K. Meumoniae , + .	Exterior Consequents	E. coli P.n	irabilis
A C			Citrate utilization	Urea utiliza	tion
* belatin	Liquetication: Po	stive Results brakdown all gold	riae - Liquid	7 (::	
. f. co	oli - Solid (-)	. P. aleuginosa , Equid (+)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
to Tot be	<u></u>	. k 0 . li . C l l .	$c \cup 1$		
* 121 LG	St: We can on	ed for the formentation c	l lactobe	g1ags E:011	
. everyti	ning goes gellow.f	ermentation of lactose	Cel	atin liquefication	Polanilla Fooli Paravola
. yellow i	On HOLL WAR DIVING 1966	- glocose rermontation only			TSI test
J JOHN	ling is yellow _ no l	termentation	. I . ( IL _ 0 K   I   _ 0.	Kh ilili ku	1
. t. Coli	-> + \ blogmes gas b	osh . P. Miraloius u	ellow buttan pink top , it has Blo	on lines _ indication of the s	
		P, arenginesa _, HII real	( ) no formentation negative for all result	š	
A SIM 4	Solfido	motility, Indole) Adding Kan	are Indicator		
NO.	tirbidity m	Hil black ant . Sollide.	Indole by adding Kovacs *pink"	29	01 6
	, <u>J</u>			3	A STATE OF THE STA
	£.coli	K. penumonjac	P. mirablis - Should have I	olack ppt.	K. pitem
motility					
	•		<b>T</b>		
Sulfide			Indde	tiplephanase _ Break tiplad	ren-produce inclole
			ly addi	ng Kovace agent.	
Indole	+				
	0.11				
		n of anylase. / Using 161			
f.coli_					
. B. Subti	lik → +		$\rightarrow$		
envio la	October			Promp.	
* Nitrate		<u> </u>		21.11.20 God 5 God 5 94.500 20.000	
. b. C		with the 2 steps			
<u>. ۲. ۵</u>	argoinosa -> +				
. t·	fecalis	Zinc precence of ni	raje. /		

