

SUG		EX		NaCl		GRAM	
Xylose		Catalase slide		Growth at initial pH		TRP/PL	DAG
Trehalose		Growth 42°C		0% 1.5 3 5 7.5 10		GLAN	
Starch		An growth		4.2 4.8 5.4 6.0 8.8 9.4 10.0 10.6		GL CO <sub>2</sub>	
Sorbose		Amylase	●			BLOD 30°	
Sorbitol		VP / RT				DRIG 37°	
Rhamnose		MR / RT				OF-GLU	
Raffinose		Motility/ MI/ RT					
Melibiose		NO <sub>2</sub> red					
Melezitose		NO <sub>3</sub> red	●				
Mannose		Tween 80					
Maltose							
Inulin							
Glycogen							
Glycerol							
Galactose	●						
Fructose							
Esculin							
Erythritol	▲						
Dextrin							
Cellobiose	●						
Arbutin							
Amygdalin							
Days of incubation	1 2/3 4/5						
Batch = Date		No	Remarks				
Name of organism							
Origin: Collection no:		908*					
Received:							
Examined:							
Sign:							
CCUG							
Days of incubation		1	2/3	4/5			

  

API 20E		API ZYM		DEC		TSI		OF		MORPH	
Oxidase	OX	1	2	Control	1	2	3	4	5	6	7
Arabinose	ARA	19	20	Alkaline phosphatase	1	2	3	4	5	6	7
Amygdalin	AMY	19	20	Acid phosphatase	10	11	12	13	14	15	16
Melibiose	MEL	18	19	α chymotrypsin	9	10	11	12	13	14	15
Sucrose	SAC	17	18	Trypsin	8	9	10	11	12	13	14
Rhamnose	RHA	16	17	Cystine arylamidase	7	8	9	10	11	12	13
Sorbitol	SOR	15	16	Valine arylamidase	6	7	8	9	10	11	12
Inositol	INO	14	15	Leucine arylamidase	5	6	7	8	9	10	11
Mannitol	MAN	13	14	Lipase (C14)	4	5	6	7	8	9	10
Glucose	GLU	12	13	Esterase lipase (C8)	3	4	5	6	7	8	9
Gelatinase	GEL	11	12	Esterase (C4)	2	3	4	5	6	7	8
Acetoin prod	VP	10	11	Alkaline phosphatase	1	2	3	4	5	6	7
Indole	IND	9	10	Control	1	2	3	4	5	6	7
Tryptophane deam	TDA	8	9								
Urease	URE	7	8								
Sodium thiosulfate	H <sub>2</sub> S	6	7								
Sodium citrate	CJT	5	6								
Ornithine	ODC	4	5								
Lysine	LDC	3	4								
Arginine	ADH	2	3								
β galactopyranosi	ONPG	1	2								
		24									
DNase				Malonate				Arginine (ADH)			
Drigalski acid				Gluconate				Ornithine (OD)			
Drigalski 37°C				Citrate, Koser				Lysine (LD)			
Blood agar 30°C				VP 37°C							
Morphology Gram				MR 37°C							
Oxidase TMPDA				H <sub>2</sub> S							
Odour				Slope, acid							
Hemolysis				Butt, acid							
Colony appearance				Urease							
Pigment				Gelatine Kohn							
Days of incubation				Indole							
				Glucose gas							
				Glucose acid							
				Sucrose							
				Lactose							
				Mannitol							
				Motility in HD 30°C							
				Motility in MI 37°C							
				OF-glucose							