

Table 1. Characteristics of different bacterial isolates recovered from floppy and compact discs.

Isolates No.	Hydrolysis		Nitrate reduction	Decomposition		Egg yolk lecithinase test	Utilization		Oxidase	Acid from		
	Starch	Casein		Urea	Tyrosine		Citrate	Propionate		Glucose	Arabinose	Xylose
CDB-1	+	+	+	+	-	+	+	+	+	+	+	-
CDB-2	+	+	+	+	-	+	+	+	+	+	+	-
CDB-5	+	+	+	+	-	+	-	-	+	-	-	-
CDB-8	+	+	+	+	-	+	+	+	+	+	+	+
CDB-10	+	+	+	+	+	+	+	+	+	+	-	-
FB-1	-	+	-	+	+	+	-	-	+	-	-	-
FB-2	+	-	+	+	-	+	-	+	+	+	-	-
FB-4	-	+	+	+	+	-	-	-	-	+	-	+
FB-5	+	-	+	-	+	+	-	-	+	+	-	-
FB-7	-	+	-	+	+	+	-	+	+	+	+	+
FB-16	-	-	+	-	+	-	-	+	-	+	-	-
FB-20	+	+	+	-	+	+	+	+	+	-	-	-

'+' indicates positive results and '-' indicates negative result.

Table 2. Characteristics of actinomycetes isolates recovered from floppy and compact discs.

Test name	Actinomycetes isolates														
	CDA-1	CDA-4	CDA-5	CDA-6	CDA-7	CDA-8	CDA-10	CDA-11	CDA-12	CDA-13	CDA-18	FA-1	FA-2	FA-3	FA-5
Nitrate reduction	-	-	+	+	-	-	-	-	+	-	-	-	+	+	+
Citrate utilization	-	-	-	-	+	+	-	-	-	-	+	-	+	-	-
Hydrolysis															
Starch	+	+	-	-	-	-	+	-	-	-	+	-	+	+	-
Casein	+	+	+	-	-	-	-	+	+	-	+	+	-	-	+
Esculin	-	-	-	+	+	+	+	-	+	+	+	-	-	-	+
Production															
Melanoid pigment	-	-	-	-	+	+	-	+	-	-	-	-	-	-	-
Hydrogen sulfide	-	-	-	-	+	+	-	+	+	-	+	-	-	+	-
Decomposition															
Urea	+	+	-	-	+	-	-	-	+	-	+	+	+	+	-
Tyrosine	+	+	+	+	+	+	-	+	+	+	-	+	+	+	-
Growth at pH															
4.5	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-
6.5	+	+	-	+	+	+	+	+	-	+	+	+	+	+	-
8.5	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Resistance to penicillin G (10µg/ml)	-	-	-	-	-	-	-	+	-	+	-	+	+	-	+
Growth at NaCl (7%)	+	+	+	-	-	-	-	+	+	+	-	+	+	-	+
Acid from															
Glucose	+	+	+	-	-	+	+	-	+	+	+	+	+	-	+
Sucrose	+	-	+	-	+	-	+	+	-	-	+	-	-	+	-
Fructose	-	-	-	-	+	+	+	+	-	+	+	-	-	-	-
Raffinose	-	-	-	-	+	-	+	+	-	+	-	-	-	+	-
Rhamnose	+	-	+	+	-	-	+	+	-	-	+	+	-	+	-
Arabinose	+	+	-	-	-	+	+	+	-	+	+	-	-	-	-
Inositol	+	-	-	-	+	+	+	+	-	+	+	-	-	-	-
Cellobiose	+	-	+	+	+	+	+	+	-	+	+	-	-	-	-
Mannitol	+	+	+	+	+	+	+	+	+	+	+	-	-	-	+
Lactose	+	+	-	-	+	+	+	+	-	+	+	+	+	+	-
Xylose	-	-	-	-	+	+	-	+	-	-	+	-	-	-	-
Melibiose	+	-	-	-	+	+	+	+	+	+	+	-	-	-	-
Maltose	+	-	-	-	+	+	+	+	-	+	+	+	-	+	-

'+' indicates positive results and '-' indicates negative result.