

Name: *Corynebacterium amycolatum*

Authors: Collins et al. 1988

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 38:449 (validation list)

Risk group: 2 (German classification)

Type strain: DSM 6922, NCFB 2768, S 160

Author(s) Collins, M. D., Burton, R. A., Jones, D.
Title *Corynebacterium amycolatum* sp. nov. a new mycolic acid-less *Corynebacterium* species from human skin.
Journal FEMS Microbiol. Lett.
Volume 49
Page(s) 349-352
Year 1988



Genus: *Corynebacterium*

FH 2759

Species: *amycolatum*

Numbers in other collections: DSM 6922

Morphology:

<u>ISP 2</u>	G	R
	good	light ivory
	A	SP
<u>ISP 3</u>	none	none
	G	R
	A	SP
<u>ISP 4</u>	G	R
	good	oyster white
	A	SP
<u>ISP 5</u>	none	none
	G	R
	good	ivory
<u>ISP 6</u>	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	sand yellow
	A	SP
	none	none

NaCl resistance: 7,5%

Temperature: Value- °C Optimum- 28°C

Carbon utilization:

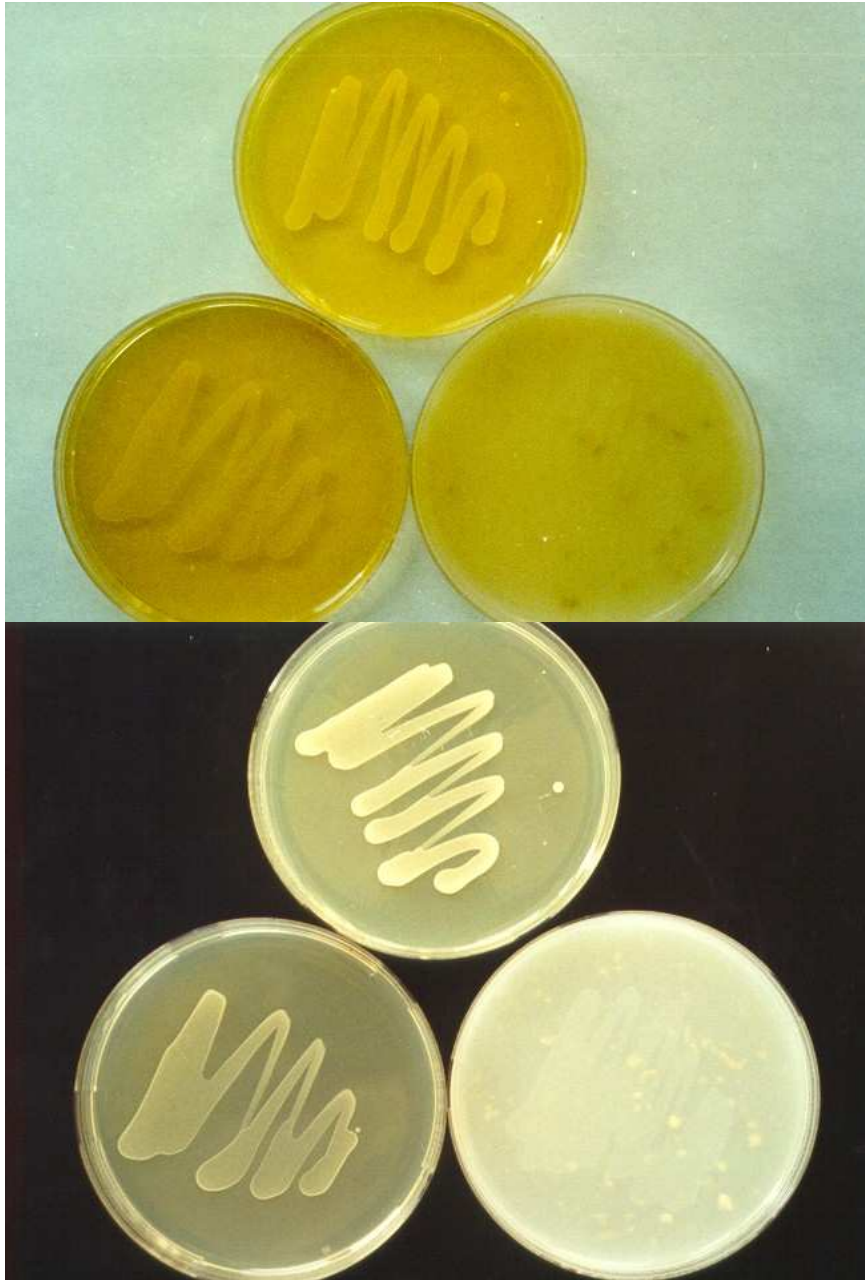
Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	-	-	-	-	-	+	-	-	-

Acid from (Api 20E):

Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
+	-	-	-	-	-	-	-	-

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
-	-	+	-	-	-	-	-	-	+	-	-
ApiZym	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	-	-	-	-	+	+
	13	14	15	16	17	18	19	20			
-	-	-	-	-	-	-	-	-			
ApiCoryne	Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	+	-	-	-	-	-	+	-	-
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
+	+	+	+	+	+	+	+	+			



Corynebacterium amycolatum

A and B – Agar plates medium 5006, 5265 and 5315