

Genus ***Brachybacterium***
Species ***faecium***
Subspecies
Author Collins et al. 1988

Reclassification
Status sp. nov.

Type spezies DSM 4810, IMET 11352, NCIB 9860,
Schefferle 6-10

Hazard group 1

Author(s) Collins M. D., J. Brown and D. Jones.
Title *Brachybacterium faecium* gen. nov. , sp. nov., a coryneform
bacterium from poultry deep litter.
Journal Int. J. Syst. Bacteriol.
Volume 38
Page(s) 45-48
Year 1988

Genus: *Brachybacterium*

FH 2757

Species: *faecium*

Numbers in other collections: DSM 4810

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	light ivory
	A	SP
<u>ISP 5</u>	none	none
	G	R
	sparse	light ivory
<u>ISP 6</u>	A	SP
	none	none
	G	R
<u>ISP 7</u>	none	R
	A	SP
	G	R

NaCl resistance: 7,5%

Temperature: Value- °C Optimum- 28°C

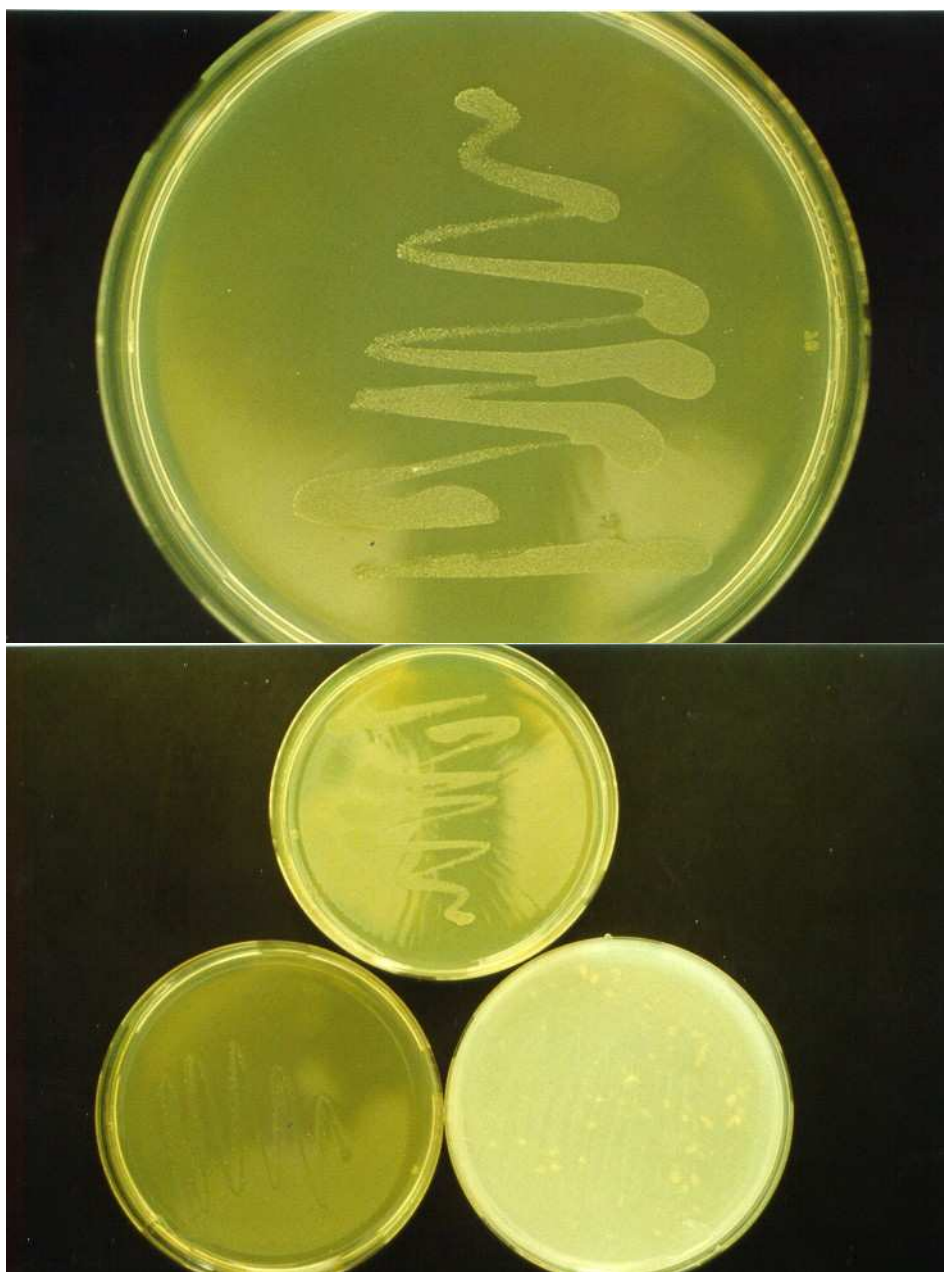
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	+	+	(+)	(+)	+	+	+

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			
+	+	-	(+)	-	+	(+)	-				

Comments:



Brachybacterium faecium

A - Colony growth on medium 5006

B – Agar plates medium 5006, 5265 and 5315