

Genus	<i>Brevibacterium</i>
Species	<i>stationis</i>
Subspecies	
Author	(ZoBell and Upham 1944) Breed 1953
Reclassification	
Status	valid
Type species	ATCC 14403, DSM 20302
Hazard group	1

Fatty acid pattern

14 : 0	Iso	1,0
15 : 0	Iso	2,0
15 : 0	Anteiso	52,0
16 : 0	Iso	7,0
16 : 0		2,0
17 : 0	Iso	1,0
17 : 0	Anteiso	22,5
18 : 0		3,5
19 : 1	Anteiso	2,0
20 : 0		3,0

Genus: *Brevibacterium*

FH 2781

Species: *stationis*

Numbers in other collections: DSM 20302

Morphology:

<u>ISP 2</u>	G	R
	good	sand yellow
	A	SP
<u>ISP 3</u>	none	none
	G	R
	good	light ivory
<u>ISP 4</u>	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	colorless
	A	SP
	none	none
<u>ISP 6</u>	G	R
	good	light ivory
	A	SP
<u>ISP 7</u>	none	yes
	G	R
	sparse	colorless
	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
	+	-	-	-	+	-	-	-	-	-

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				
	-	-	-	-	-	-	-	-				



Brevibacterium stationis

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