

Name: *Brachybacterium rhamnosum*

Authors: Takeuchi et al. 1995

Status: New Species

Literature: Int. J. Syst. Bacteriol. 45:167

Risk group: 1 (German classification)

Type strain: DSM 10240, H-6S, IFO 15203

Author(s) Takeuchi, M., Fang, C.-X., Yokota, A.

Title Taxonomic study of the genus *Brachybacterium*: proposal of *Brachybacterium conglomeratum* sp. nov., nom. rev., *Brachybacterium paraconglomeratum* sp. nov., and *Brachybacterium rhamnosum* sp. nov.

Journal Int. J. Syst. Bacteriol.

Volume 45

Page(s) 160-168

Year 1995

Genus: *Brachybacterium*

FH 6203

Species: *rhamnosum*

Numbers in other collections: DSM 10240

Basonym

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 5</u>	sparse	colorless
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	sparse	colorless
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Enzymes:

Api Zym

2- 3+ 4+ 5(+) 6+ 7+ 8+ 9+ 10- 11-

12- 13+ 14+ 15- 16+ 17+ 18+ 19- 20-

Api Coryne

Nit Pyz Pyr Pal βGur βGal αGlu βNag Esc Ure Gel

- - + - - + + - + + -

Glu Rib Xyl Man Mal Lac Sac Glyg

+ - - - - - +

Comments:



Brachybacterium rhamnosum

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym (lower) and Api Coryne

