

Name: ***Thermobifida halotolerans***

Authors: Yang et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:1824

Risk group: 1 (German classification)

Type strain: DSM 44931, KCTC 19123, YIM 90462

Author(s) Yang LL;Tang SK;Zhang YQ;Zhi XY;Wang D;Xu LH;Li WJ
Title *Thermobifida halotolerans* sp. nov., isolated from a salt mine sample, and emended description of the genus *Thermobifida*
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Microplate with ISP- and melanin media

Genus: *Thermobifida* **FH 6960**
Species: *halotolerans*

Numbers in other collections: DSM 44931

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>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	beige
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 37°C

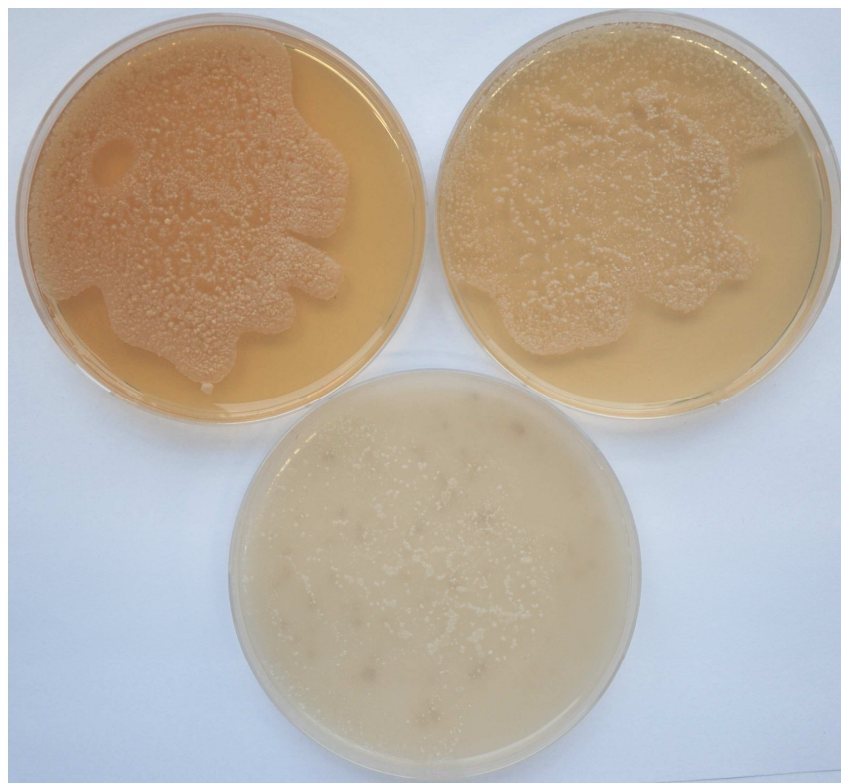
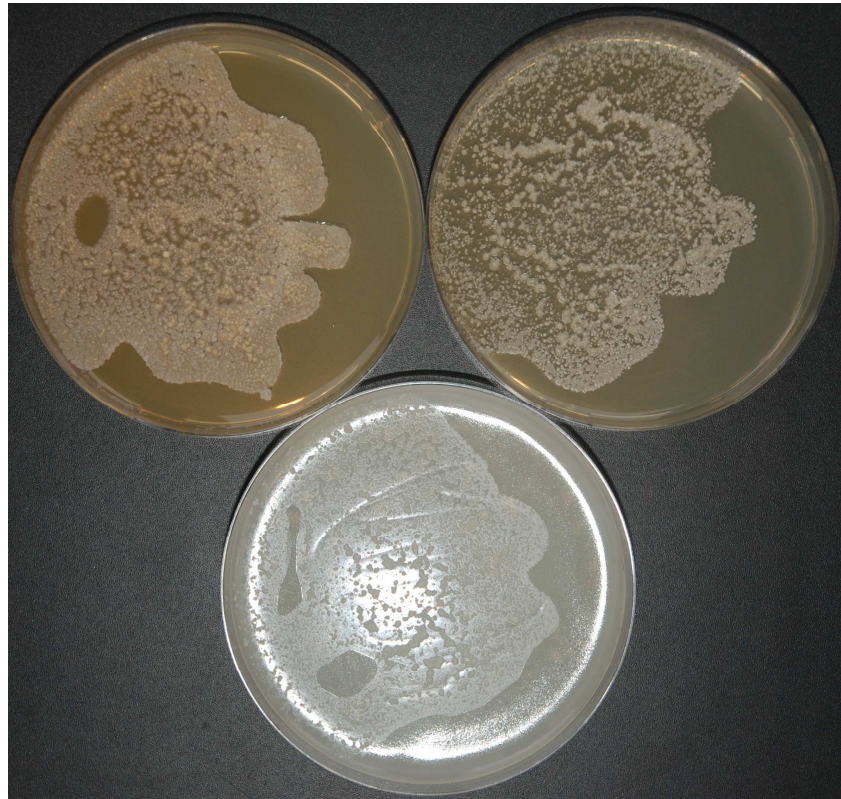
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino nd.	Man	Fru	Rha	Raf	Cel
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Enzymes:

2-	3+	4+	5-	6+	7+	8-	9-	10-	11+
12+	13-	14+	15+	16+	17+	18-	19-	20-	

Comments:



Thermobifida halotolerans

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