

Name: *Prauserella halophila*

Authors: Li et al. 2003

Status : New Species

Literature : Int. J. Syst. Evol. Microbiol. 53:1548

Risk group: 1 (German classification)

Type strain: DSM 44617, YIM 90001

Author(s) Li, W.-J., Xu, P., Tang, S.-K., Xu, L.-H., Kroppenstedt, R. M.,
Stackebrandt, E., Jiang, C.-L.

Title *Prauserella halophila* sp. nov. and *Prauserella alba* sp. nov.,
moderately halophilic actinomycetes from saline soil.

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Genus: *Prauserella* **FH 6462**
Species: *halophila*
Numbers in other collections: DSM 44617

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: good growth on medium 5472 with 10% NaCl and production of a lemon yellow pigment

Lysozyme resistance:

pH: Value- Optimum-
Temperature : Value- Optimum- 28 °C

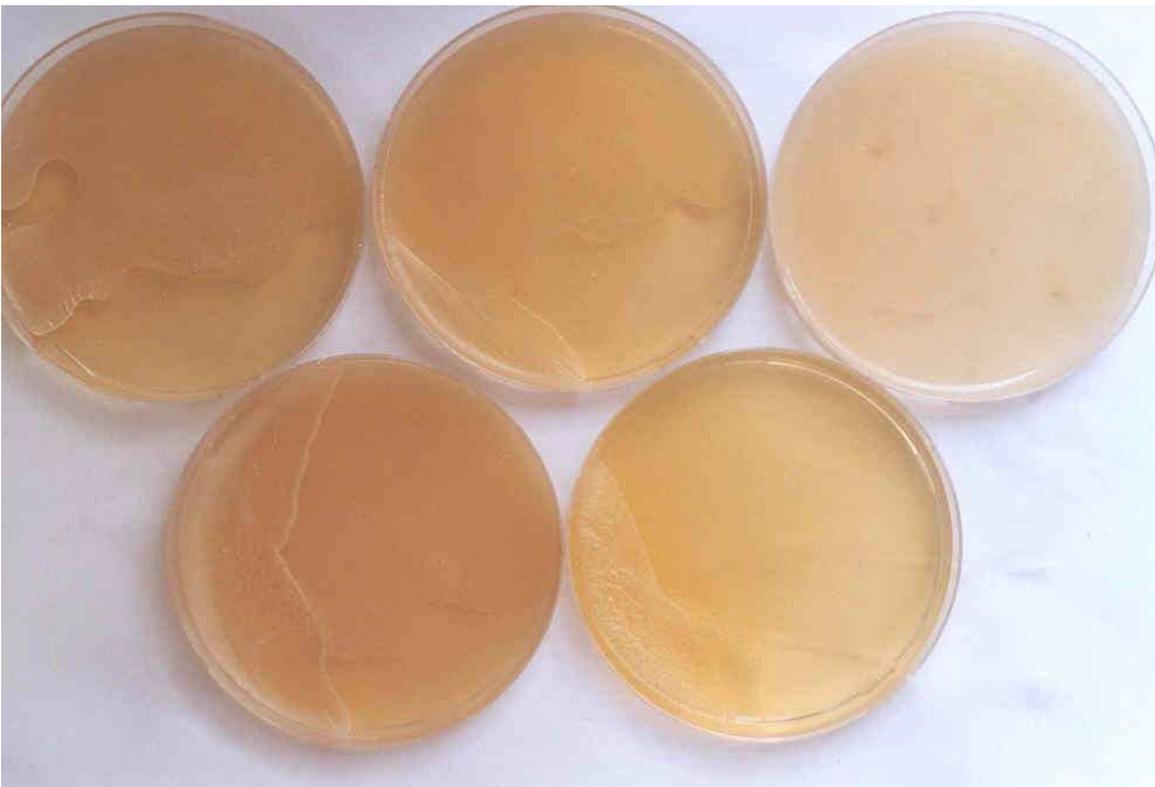
Carbon utilization:

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

Enzymes: Api Zym and Coryne

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

Comments: Beige on media 5429 and 5472



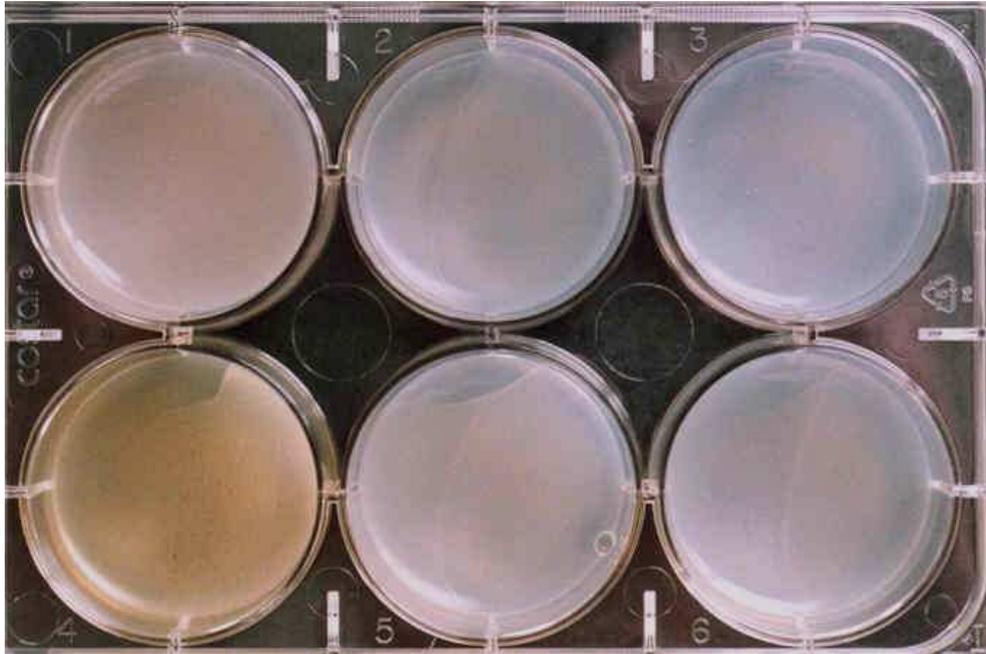
Prauserella halophila

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



Prauserella halophila

C and D – Agar plates medium 5429 and 5475 with 10 % NaCl



Prauserella halophila

E – Microplate with ISP- and melanin media