

Name: *Williamsia maris*

Authors: Stach et al. 2004

Status: New Species

Literature: Int. J. Syst. Evol. Microbiol.. 54:193

Risk group: ?

Type strain: DSM 44693, JCM 12070, KCTC 9945

Author(s) Stach, J. E., Maldonado, L. A., Ward, A. C., Bull, A. T.,
Goodfellow, M.

Title *Williamsia maris* sp. nov., a novel actinomycete isolated from
the sea of Japan.

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Page(s) 191-194

Year 2004

Genus: *Williamsia* FH 6464

Species: *maris*

Numbers in other collections: DSM 44693

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance:

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

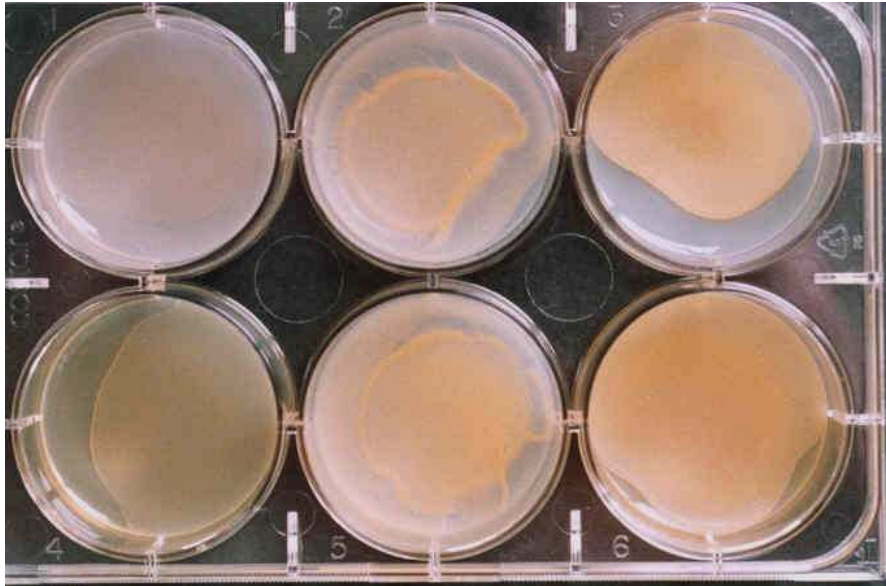
2 +	3 +	4 +	5 +	6 +	7 -	8 -	9 -	10 -	11 +
12 +	13 -	14 -	15 -	16 +	17 +	18 -	19 -	20 -	

Comments: Pastel yellow on medium 5429 and beige on 5472



Williamsia maris

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5472



Williamsia maris

C – Microplate with ISP- and melanin media

D - 12 well plate for carbo hydrate utilization