

Name: ***Williamsia marianensis***

Authors: Pathom-aree et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1125

Risk group: 1

Type strain: DSM 44944, MT8, NCIMB 14085

Author: Pathom-aree, W., Nogi, Y., Sutcliffe, I. C., Ward, A. C.,
Horikoshi, K., Bull, A. T., Goodfellow, M.

Title: *Williamsia marianensis* sp. nov., a novel actinomycete
isolated from the Mariana Trench.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 56

Page: 1123-1126

Year: 2006



Microplate with ISP- and melanin media

Genus: *Williamsia*

FH 6823

Species: *marianensis*

Numbers in other collections: 44944

Morphology:

	G	R
<u>ISP 2</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	salmon orange
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	salmon orange
	A	SP
	none	none

Melanoid pigment:

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- °C

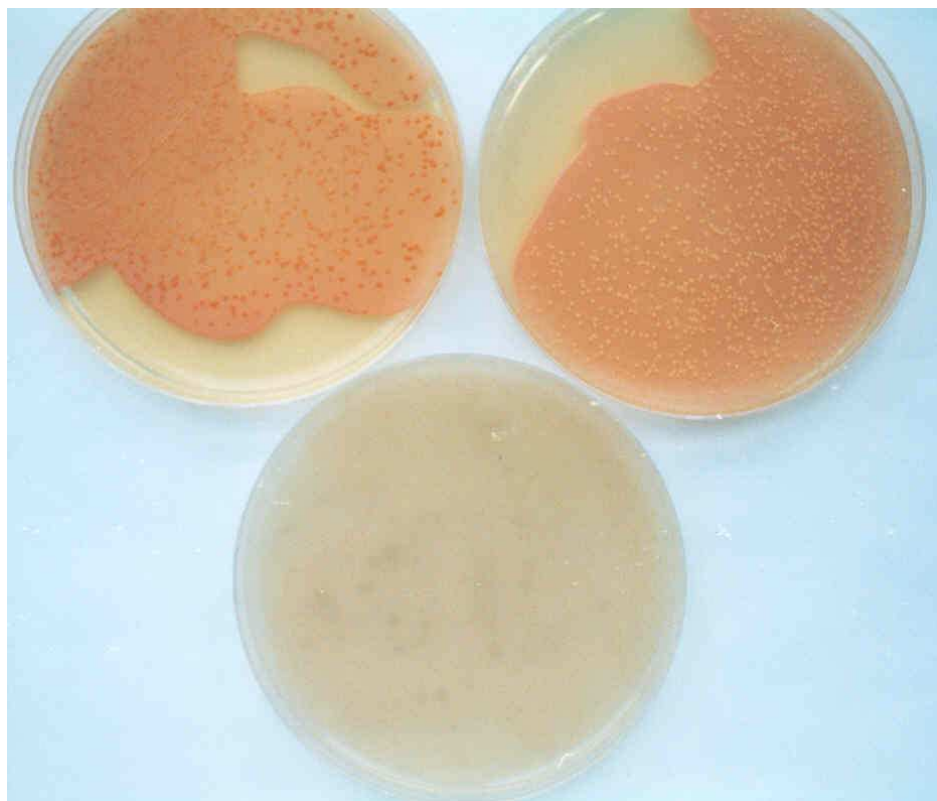
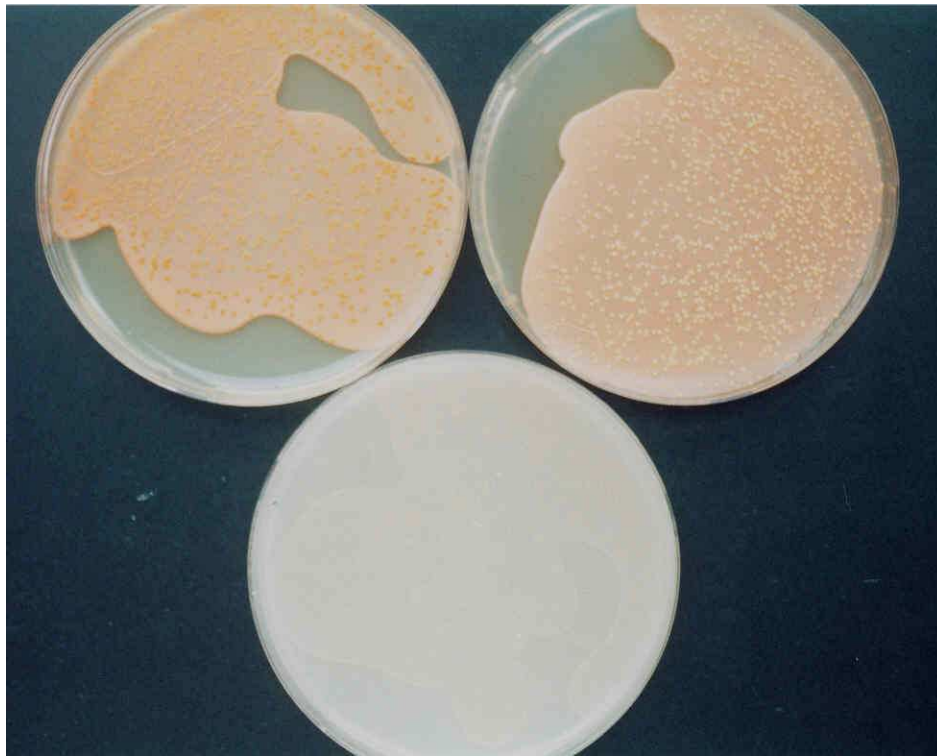
Carbon utilization:

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:



Williamsia marianensis

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