

Name: ***Actinocorallia aurantiaca***

Authors: (Lavrova and Preobrazhenskaya 1975)
Zhang et al. 2001

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 51:381

Risk group: 1 (German classification)

Type strain: DSM 43924, IMET 9577, INA 1933, JCM 8201

Other names: *Actinomadura aurantiaca* (basonym)

Author(s) Zhang, Z., Kudo, T., Nakajima, Y., Wang, Y.
Title Clarification of the relationship between the members of the family *Thermomonosporaceae* on the basis of 16S rDNA, 16S-23S rRNA internal transcribed spacer and 23S rDNA sequences and chemotaxonomic analyses.

Journal Int. J. Syst. Evol. Microbiol.
Volume 51
Page(s) 373-383
Year 2001

Genus: *Actinocorallia*

FH 2396

Species: *aurantiaca*

Numbers in other collections: DSM 43924

Morphology:

<u>ISP 2</u>	G	R
	good	colourless
	A	SP
<u>ISP 3</u>	creme white	none
	G	R
	sparse	colourless
<u>ISP 4</u>	A	SP
	creme white	none
	G	R
<u>ISP 5</u>	good	colourless
	A	SP
	sparse	none
<u>ISP 6</u>	G	R
	sparse	colourless
	A	SP
<u>ISP 7</u>	none	none
	G	R
	sparse	colourless
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance:

Lysozyme resistance: -

pH: Value- from -

Optimum-

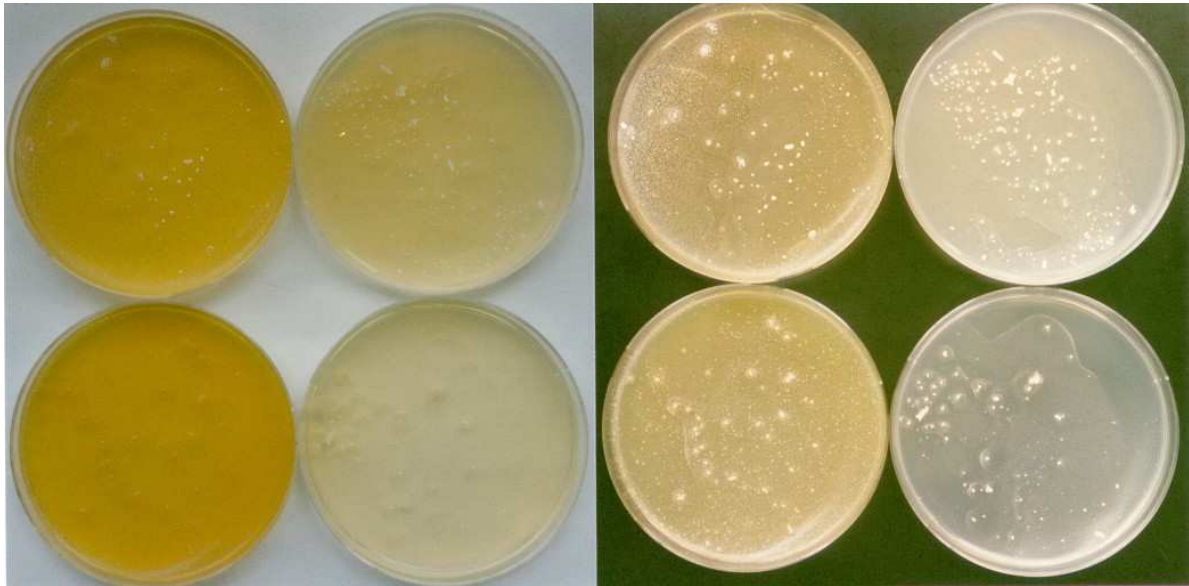
Temperature : Value- Optimum- 28 °C

Carbon utilization:

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

Enzymes:

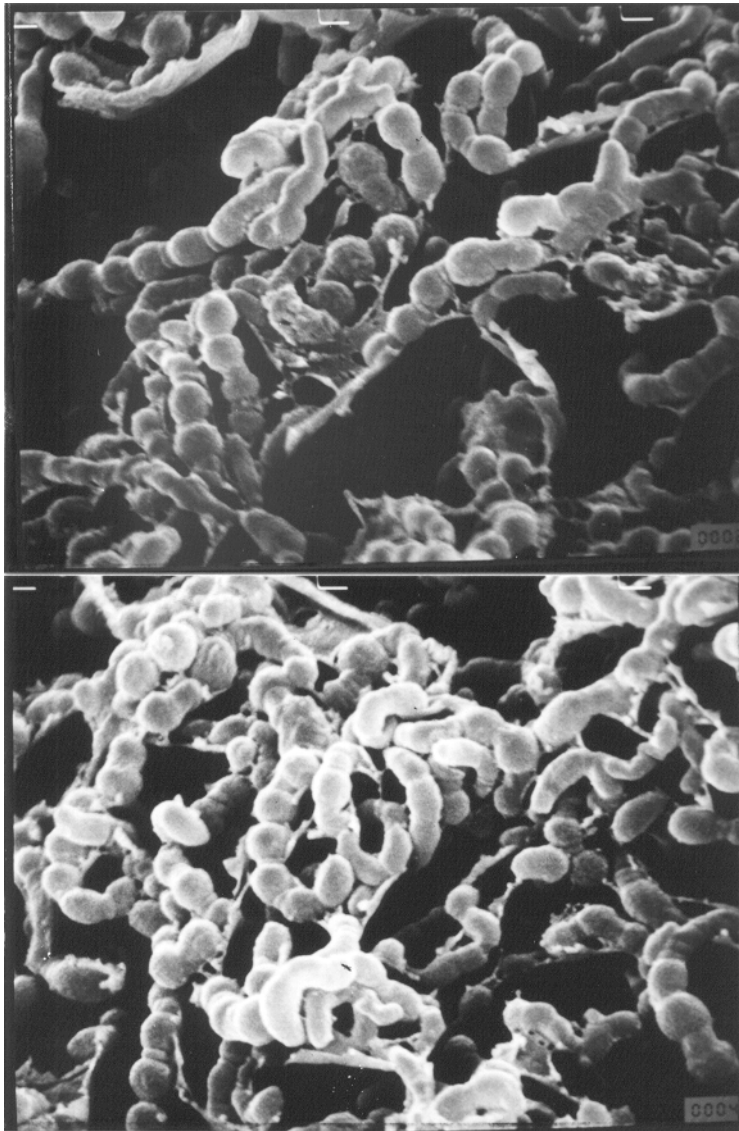
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	-	-	-	-	-	-	-	+	-	-



Actinocorallia aurantiaca

A and B – Agar plates 5265, 5315, 5317 and 5323

C – Agar plates 5318, 5337 with and without tyrosine



Actinocorallia aurantiaca

Aerial mycelium with spore chains in scanning electron microscopy
D and E x 5.000