

Name: ***Actinomadura formosensis***  
Authors: (Hasegawa et al. 1986) Zhang et al. 1998  
Status: New Combination  
Literature: Int. J. Syst. Bacteriol. 48:418  
Risk group: 1 (German classification)  
Type strain: C-36820, DSM 43997, IFO 14204  
Synonyms: *Thermomonospora formosensis* (basonym)

Author(s) Hasegawa, T., Tanida, S., Ono, H.  
Title *Thermomonospora formosensis* sp. nov.  
Journal Int. J. Syst. Bacteriol.  
Volume 36  
Page(s) 20-23  
Year 1986

Author(s) Zhang, Z., Wang, Y., Ruan, J.  
Title Reclassification of *Thermomonospora* and *Microtetrastora*.  
Journal Int. J. Syst. Bacteriol.  
Volume 48  
Page(s) 411-422  
Year 1998

**Genus:** *Actinomadura*

**FH 2474**

**Species:** *formosensis*

**Numbers in other collections:** ATCC 49059

**Former Thermomonospora formosensis**

Morphology:

	G	R
<u>ISP 2</u>	good	pastell orange
	A	SP
	none	dahlia yellow
	G	R
<u>ISP 3</u>	good	antique pink
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	antique pink
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	antique pink
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	antique pink
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	antique pink
	A	SP
	none	none

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

**Melanoid pigment:** - - - -

**NaCl resistance:** 2,5 %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-20-40 °C

Optimum- 37 °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
+	+	+	+	-	-	+	+	-	-	-
2+	3+	4+	5-	6+	7+	8-	9+	10+	11+	12+
13-	14-	15-	16-	17-	18-	19-	20-			



***Actinomadura formosensis***

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

B – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine