

Name: ***Lechevalieria xinjiangensis***

Authors: Wang et al. 2007

Status: sp. nov.

Reference: Int. J. Syst. Evol. Microbiol. 57:2822

Risk group: 1 (German classification)

Type strain: CGMCC 4.3525, DSM 45081, R24

Author: Wang W;Zhang Z;Tang Q;Mao J;Wei D;Huang Y;Liu Z;Shi Y;Goodfellow M

Title: *Lechevalieria xinjiangensis* sp. nov., a novel actinomycete isolated from radiation-polluted soil in China

Journal: Int J Syst Evol Microbiol

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Year: 2007

Genus: *Lechevalieria* **FH 6903**

Species: *xinjiangensis*

Numbers in other collections: DSM 45081

Morphology:

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

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

Comments:



Lechevalieria xinjiangensis
Agar plates medium 5006, 5265 and 5315