

Name: *Lentzea californiensis*

Authors: Labeda et al. 2001

Status: New Species

Literature: Int. J. Syst. Bacteriol. 51:1049

Risk group: 1 (German classification)

Type strain: DSM 43393, IMRU 550, NRRL B-16137

Author(s) Labeda, D. P., Hatano, K., Kroppenstedt, R. M., Tamura, T.  
Title Revival of the genus *Lentzea* and proposal for *Lechevalieria*  
gen. nov.  
Journal Int. J. Syst. Evol. Microbiol.  
Volume 51  
Page(s) 1045-1050  
Year 2001

**Genus:** *Lentzea* **FH 6148**  
**Species:** *californiensis*  
**Numbers in other collections:** **DSM 43393**

Morphology:

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

Spore chains: - Spore surface: -  
Sporangia: - Fragmentation:

**Melanoid pigment:** - - - -

**NaCl resistance:**

**Lysozyme resistance:**

**pH:** Value- Optimum-

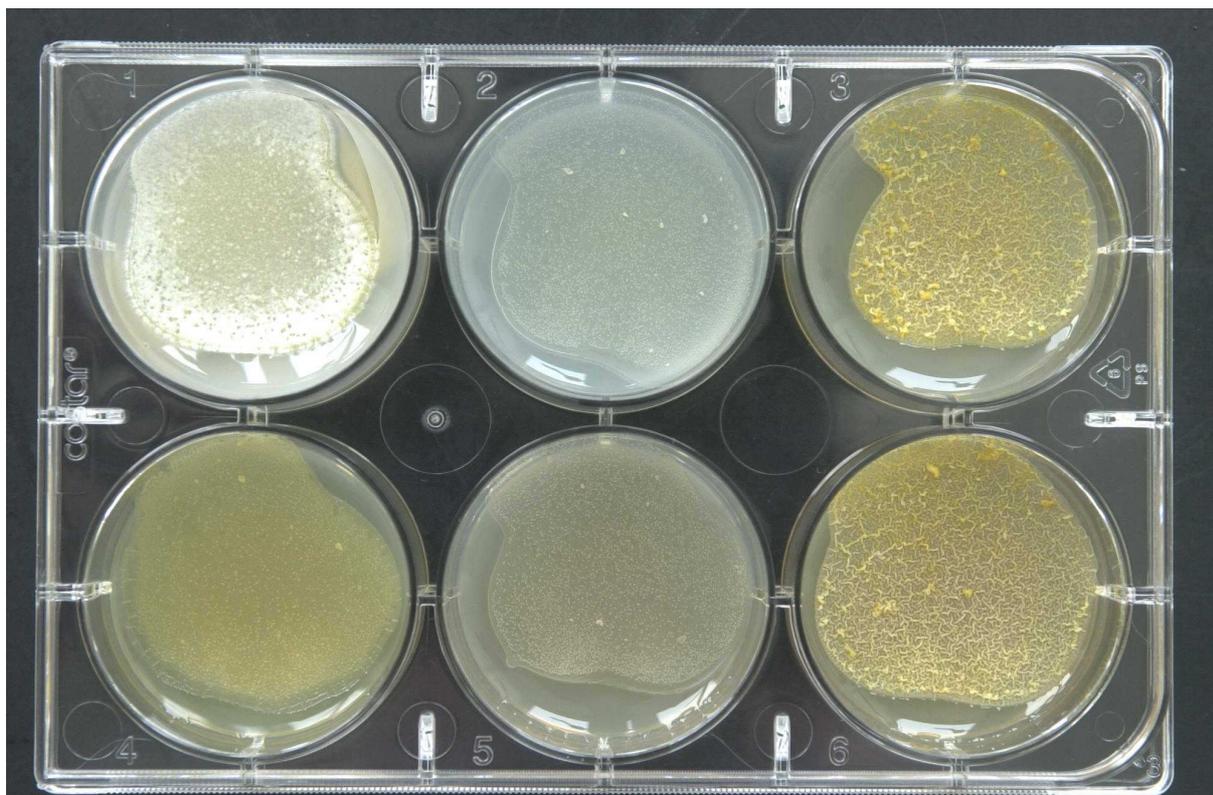
**Temperature :** Value- Optimum- 28°C

**Carbon utilization:**

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

**Enzymes:**

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 -			



***Lentzea californinesis***

A – Agar plates media 5006, 5265 and 5315

B – Microplate with ISP- and melanin media



***Lentzea californinesis***

C – Agar plates media 5006, 5265 and 5315

D – Microplate with ISP- and melanin media