

Name: ***Lentzea albidocapillata***

Authors: Yassin et al. 1995

Status: New Species

Literature: Int. J. Syst. Bacteriol. 45:362

Risk group: 1 (German classification)

Comment: reclassified as *Saccharothrix albidocapillata* comb. nov. IJSEM 50:1322*; later re-installed by the revived status of the genus *Lentzea* IJSEM 51:1049*

Type strain: DSM 44073, IMMIB D-958, NRRL B-24057

Synonyms: *Saccharothrix albidocapillata*

Lit.: Yassin, A. F., F. A. Rainey, H. Brzezinka, K.-D. Jahnke, H. Weissbrodt, H. Budzikiewicz, E. Stackebrandt and K. P. Schaal. 1995
Lentzea gen. nov., a new genus of the order *Actinomycetales*.
Int. J. Syst. Bacteriol. 45: 357-363.

Labeda, D.P., Hatano, K., Kroppenstedt, R.M. and Tamura, T. 2001
Revival of the genus ***Lentzea*** and proposal for *Lechevalieria* gen. nov.
Int. J. Syst. Bacteriol. 51: 1045-1050

Genus: *Lentzea*

FH 2909

Species: *albidocapillata*

Numbers in other collections: DSM 44073

Morphology:

<u>ISP 2</u>	G	R
	good	broom yellow
	A	SP
<u>ISP 3</u>	cream	none
	G	R
	good	cream
<u>ISP 4</u>	A	SP
	cream	none
	G	R
<u>ISP 5</u>	good	cream
	A	SP
	cream	none
<u>ISP 6</u>	G	R
	good	beige
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	beige
	A	SP
	none	none

NaCl resistance: 7,5%

Temperature: Value- °C Optimum- 37°C

Carbon utilization:

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

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	+	-	+	+	+	-	-
ApiZym	2	3	4	5	6	7	8	9	10	11	12
	+	(+)	+	+	+	+	-	+	+	+	-
	13	14	15	16	17	18	19	20			
	+	+	-	+	+	+	+	-			

Comments:



Lentzea albidocapillata

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

C – Microplate with ISP- and melanin agar