

Name: *Lentzea waywayandensis*
Authors: (Labeda and Lyons 1989) Labeda et al. 2001
Status: New Combination
Literature: Int. J. Syst. Bacteriol. 51:1049
Risk group: 1 (German classification)
Type strain: DSM 44232, LL-37Z-15, NRRL B-16159
Synonyms: *Saccharothrix waywayandensis* (basonym)

Author(s) Labeda, D. P., Lyons, A. J.
Title *Saccharothrix texasensis* sp. nov. and *Saccharothrix waywayandensis* sp. nov.
Journal Int. J. Syst. Bacteriol.
Volume 39
Page(s) 355-358
Year 1989

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 2485**
Species: *waywayandensis*
Numbers in other collections: IFO 14970

Morphology:

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

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

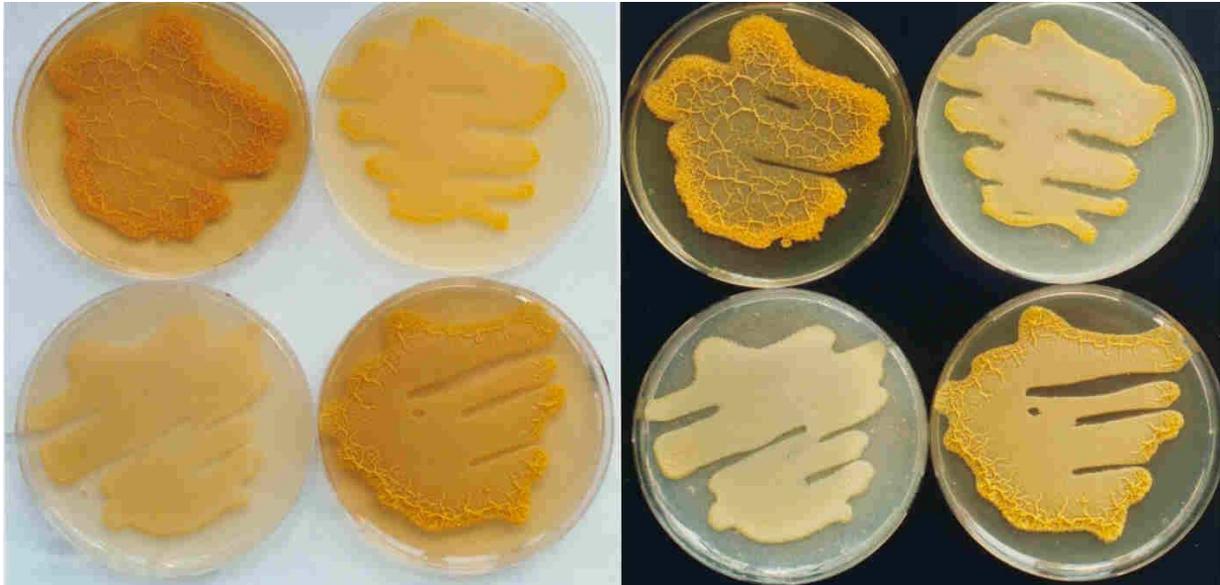
Carbon utilization:

Glu Ara Suc Xyl Ino Man Fru Rha Raf Cel

Enzymes:

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

Comments:



Lentzea waywayandensis

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

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