

Name: ***Streptomyces labedae***
Authors: Lacey 1987
Status: New Species
Reference(s): Int. J. Syst. Bacteriol. 37:458
Risk group: 1 (German classification)
Type strain: IMRU 3737, ISP 5059, NRRL B-5616,
Sanchez-Marroquin A-24, DSM 41446

Author(s) Lacey, J.
Title Nomenclature of *Saccharopolyspora erythraea* Labeda 1987
and *Streptomyces erythreus* (Waksman 1923) Waksman and
Henrici 1948, and proposals for the alternative epithet
Streptomyces labedae sp. nov.
Journal Int. J. Syst. Bacteriol.
Volume 37
Page(s) 458
Year 1987



Streptomyces labedae

A – Microplate with ISP- and melanin media

Genus: *Streptomyces*

FH 2878

Species: *labedae*

Numbers in other collections: NRRL 5616

Morphology:

	G	R
<u>ISP 2</u>	good	yellow olive
	A	SP
	oyster white	ocher brown
	G	R
<u>ISP 3</u>	good	signal brown
	A	SP
	oyster white	sand yellow
	G	R
<u>ISP 4</u>	good	grey yellow
	A	SP
	oyster white	oyster white
	G	R
<u>ISP 5</u>	good	signal brown
	A	SP
	oyster white	ocher brown
	G	R
<u>ISP 6</u>	good	sand yellow
	A	SP
	oyster white	sand yellow
	G	R
<u>ISP 7</u>	good	signal brown
	A	SP
	oyster white	ocher brown

Spore chains: RA

Spore surface: warty

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 10 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum-

Carbon utilization:

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

Enzymes:

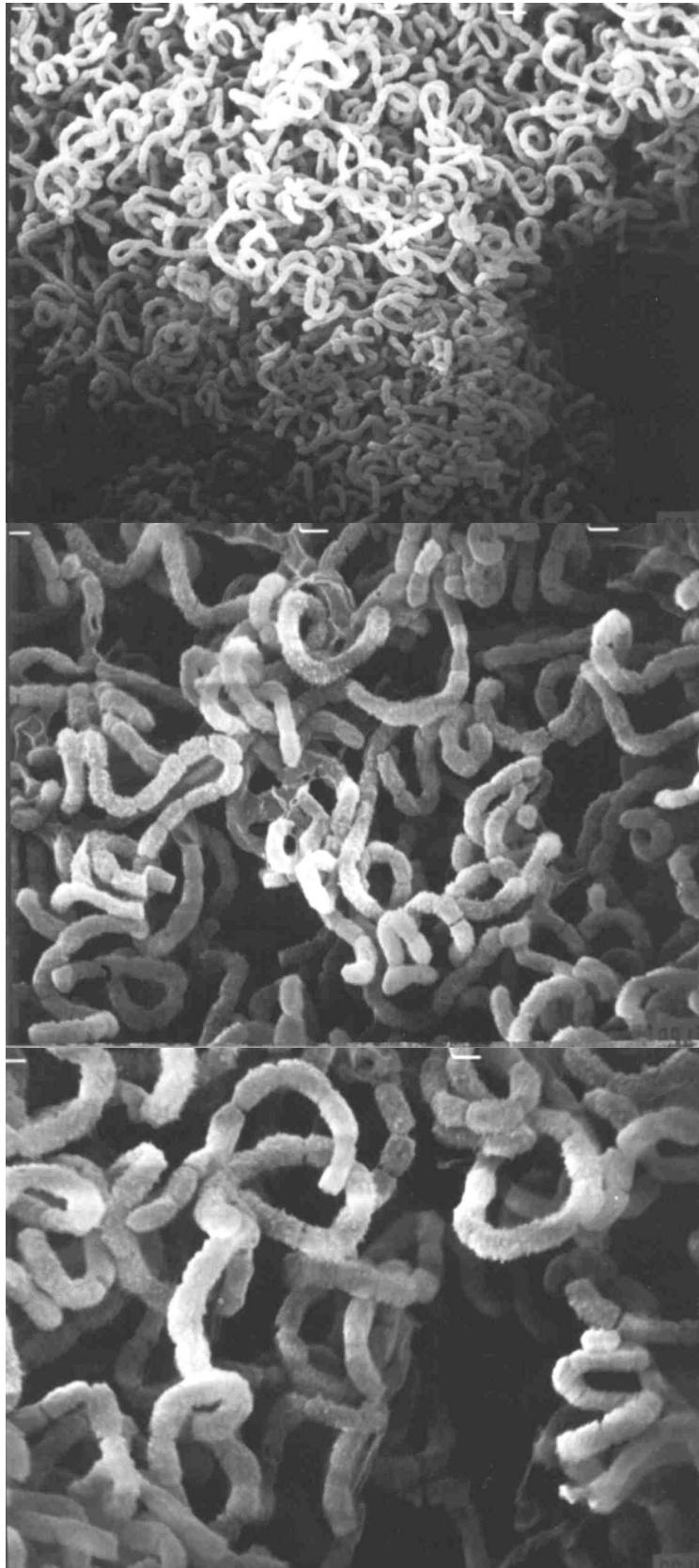
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	+	+	+	+	-	+	+	+	-	-
2+	3+	4+	5+	6+	7+	8-	9+	10-	11+	
12+	13+	14+	15-	16+	17+	18+	19+	20-		

Comments:



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



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Spore chain morphology and spore surface in SEM

D x 1.500 E x 5.000 F x 7.500