

Name: ***Streptomyces ederensis***  
Authors: Wallhäusser et al. 1966  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:380 (AL)  
Risk group: 1 (German classification)  
Type strain: ATCC 15304, DSM 40741



***Streptomyces ederensis***

A – Smooth spore surface in SEM (x 7.500)

**Genus:** *Streptomyces*

FH 1277

**Species:** *ederensis*

**Numbers in other collections:** ATCC 15304

Morphology:

<u>ISP 2</u>	G	R
	good	brown
	A	SP
<u>ISP 3</u>	gray	none
	G	R
	good	brown
<u>ISP 4</u>	A	SP
	gray	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	gray	none
<u>ISP 6</u>	G	R
	good	dark black/brown
	A	SP
<u>ISP 7</u>	white	none
	G	R
	good	brown
<u>ISP 8</u>	A	SP
	none	brown
	G	R
<u>ISP 9</u>	good	brown
	A	SP
	gray	brown

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

**Melanoid pigment:** + + + -

**NaCl resistance:** 5 % brown exopigment production

**Lysozyme resistance:** -

**pH:** Value- Optimum-

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

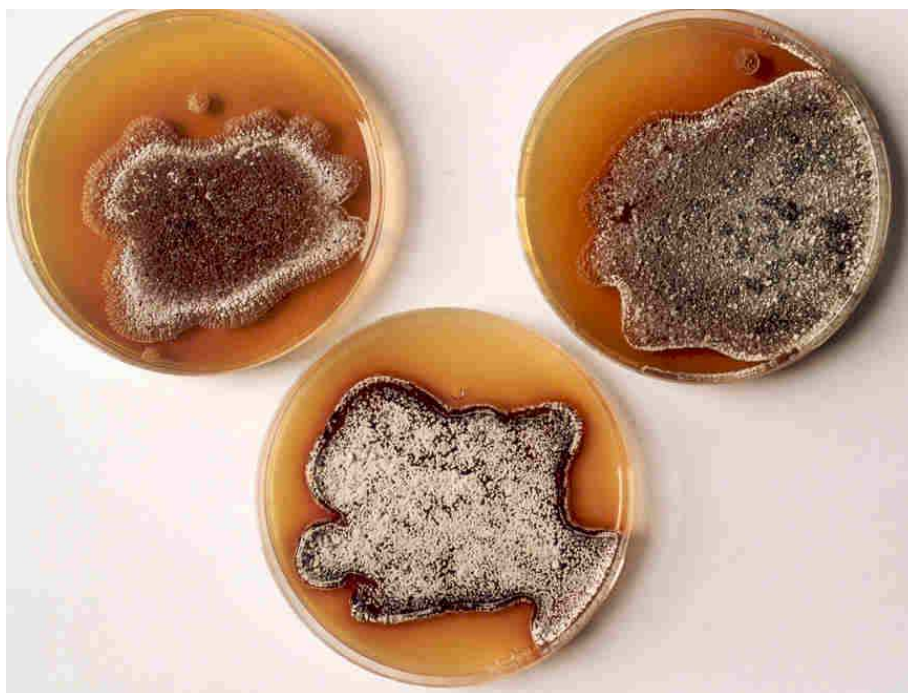
**Carbon utilization:**

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

**Enzymes:**

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
+	-	+	+	+	+	-	-	+	-	-

**Comments**



***Streptomyces ederensis***

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



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D and E – Microplate with ISP- and melanin media