

Genus: *Saccharopolyspora*

FH 1556

Species: *erythraea*

Numbers in other collections: DSM 40517

Morphology:

	G	R
<u>ISP 2</u>	good	red
	A	SP
	white	none
	G	R
<u>ISP 3</u>	good	bright red
	A	SP
	rose	none
	G	R
<u>ISP 4</u>	good	bright
	A	SP
	rose	none
	G	R
<u>ISP 5</u>	good	bright red
	A	SP
	rose	none
	G	R
<u>ISP 6</u>	good	colorless
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	red
	A	SP
	rose	none

Spore chains: RF

Spore surface: hairy

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 30 °C

Carbon utilization:

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

Enzymes:

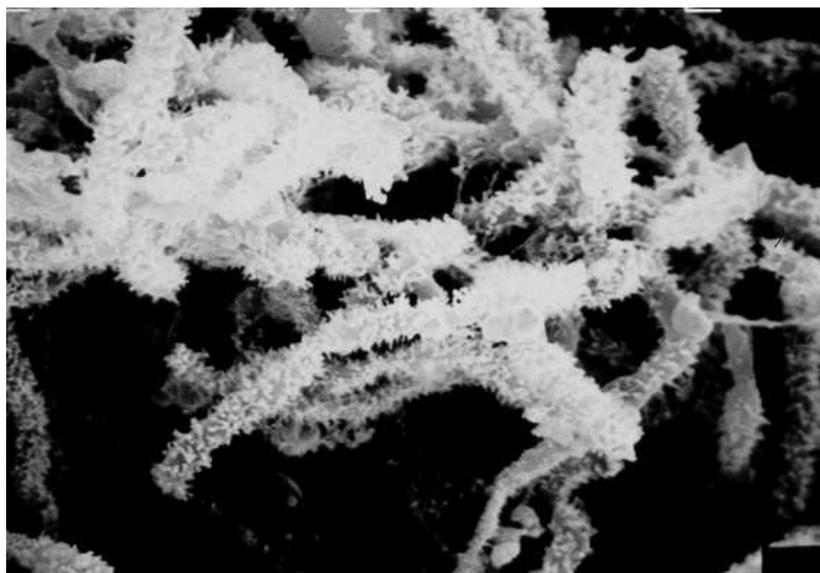
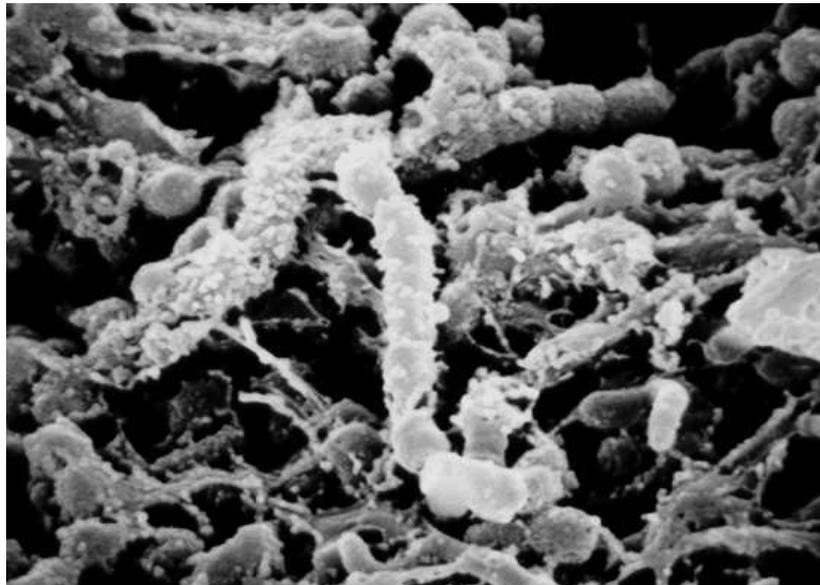
Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
+	+	+	-	-	-	-	-	+	-	-
2+	3-	4+	5-	6+	7+	8+	9+	10+	11+	12+
13-	14+	15-	16+	17-	18+	19-	20-			



Saccharopolyspora erythraea

A – Agar plates medium 5265, 5315, 5317, 5323, 5318 and 5322 (FH 1362)

B – Agar plates medium 5265, 5315, 5317, 5323, 5318 and 5322 (FH 1556)



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C and D – Spiny spores in chains of the strain FH 1556 (SEM x 10.000)