

Name: *Streptomyces achromogenes* subsp. *achromogenes*

Authors: Okami and Umezawa 1953

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:369 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 12767, IMET 43080, DSM 40028

Name: *Streptomyces achromogenes* subsp. *rubradiris*

Authors: Bhuyan et al. 1965

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:369 (AL)

Risk group: 1 (German classification)

Type strain: CBS 566.70, NRRL 3061, DSM 40789

Genus: *Streptomyces* **FH 6300**
Species: *achromogenes* **Subspecies:** *achromogenes*
Numbers in other collections: **DSM 40028**

Morphology:

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

Spore chains:

Sporangia: -

Spore surface:

Fragmentation: -

Melanoid pigment: - - + -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

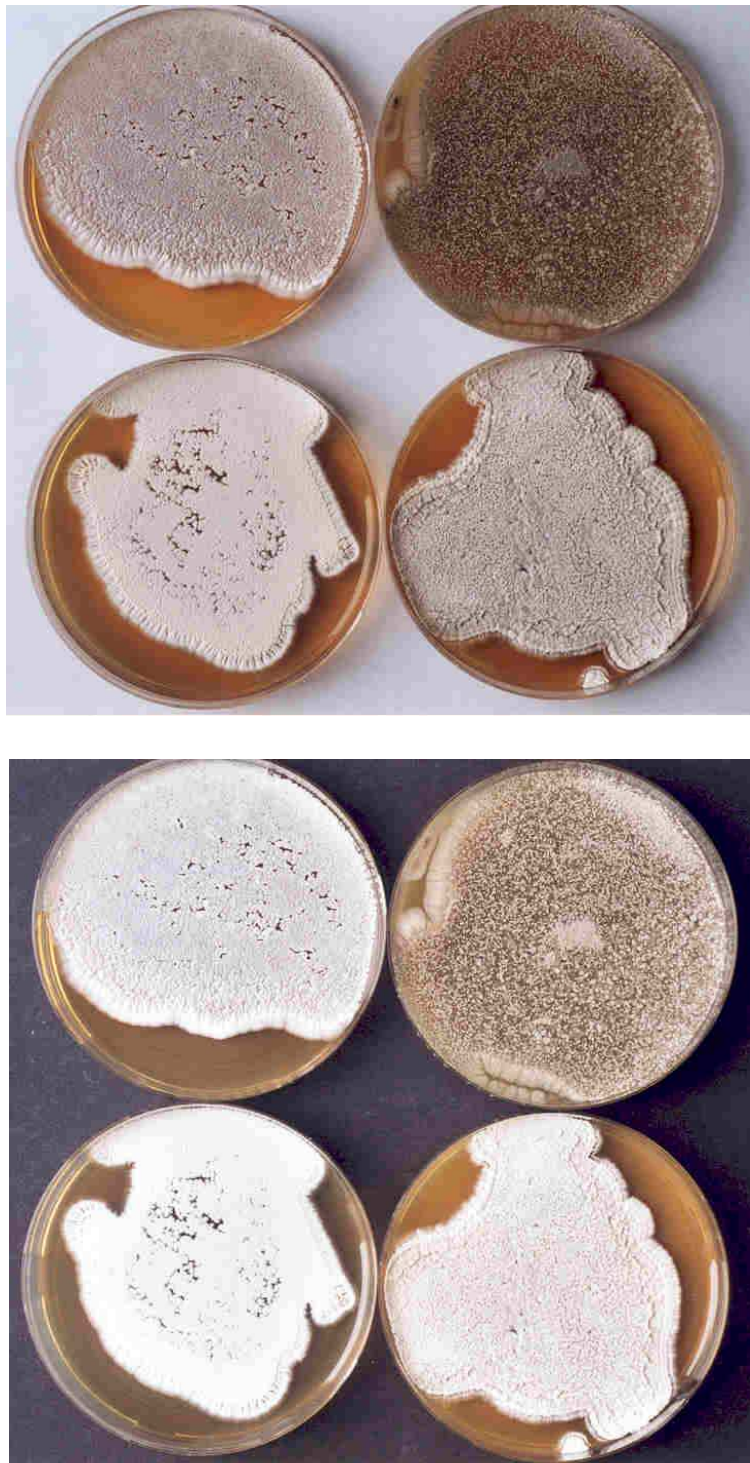
Carbon utilization:

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

Enzymes:

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

Comments:



Streptomyces achromogenes* subsp. *achromogenes
A and B – Agar plates medium 5006, 5265, 5315 and 5294



Streptomyces achromogenes* subsp. *achromogenes

C – Microplate with ISP-and melanin media