

Genus	<i>Nocardia</i>
Species	<i>brevicatena</i>
Subspecies	
Author	(Lechevalier et al. 1961) Goodfellow and Pirouz 1982
Reclassification Status	← <i>Micropolyspora brevicatena</i> comb. nov.
Type species	ATCC 15333, DSM 43024, IFO 12119, IMET 9542
Hazard group	1

Comment:

Protease is produced on the media 5254, 5265 and 5294

Genus: *Nocardia*

FH 2391

Species: *brevicatena*

Numbers in other collections: DSM 43024

Morphology:

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

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	H2S
-	+	+	-	-	-	-	-	+	-	-

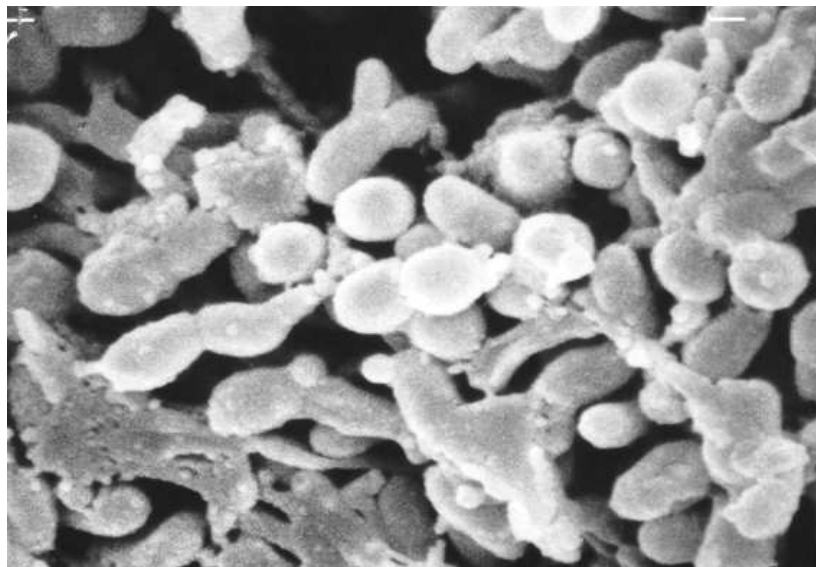
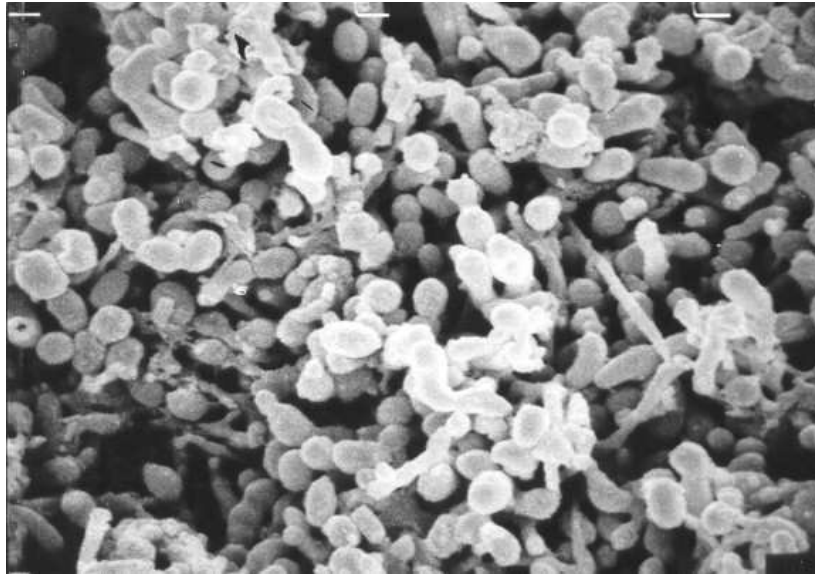
Comments:



Nocardia brevicatena

A and B – Agar plates medium 5006, 5265, 5315 and 5323

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



Nocardia brevicatena

Sporulation of vegetative aerial mycelium in SEM

E x 5.000 F x 10.000