

Genus *Nocardioides*  
Species *luteus*  
Subspecies  
Author Prauser 1985

Reclassification  
Status sp. nov.

Type species ATCC 43052, DSM 43366, IFO 14491, IMET 7830,  
JCM 3358, NCIB 11455

Hazard group 1

Author(s) Prauser, H.  
Title *Nocardioides luteus* spec. nov.  
Journal Z. Allg. Mikrobiol.  
Volume 24  
Page(s) 647-648  
Year 1984

#### Fatty Acids

14 : 0	Iso	1,5
15 : 0	Iso	4,5
15 : 0	Anteiso	1,0
15 : 0		0,5
16 : 0	Iso	33,0
16 : 1	cis 9	2,0
16 : 0		10,0
16 : 0	10methyl	6,0
17 : 0	Iso	2,0
17 : 0	Anteiso	5,0
17 : 1	cis 9	1,5
16 : 0	Iso 2 OH	2,0
17 : 0		5,0
17 : 0	10methyl	5,0
18 : 1	cis 9	2,0
18 : 0		7,0
TBSA 18 : 0	10methyl	14,

**Genus:** *Nocardioides*

FH 2414

**Species:** *luteus*

**Numbers in other collections:** ATCC 43052

Morphology:

<u>ISP 2</u>	G	R
	good	broom yellow
	A	SP
<u>ISP 3</u>	white	none
	G	R
	good	broom yellow
<u>ISP 4</u>	A	SP
	white	none
	G	R
<u>ISP 5</u>	good	broom yellow
	A	SP
	none	none
<u>ISP 6</u>	G	R
	good	broom yellow
	A	SP
<u>ISP 7</u>	none	none
	G	R
	good	broom yellow
	A	SP
	none	brown

Spore chains:

Spore surface: smooth

Sporangia:

Fragmentation: +

**Melanoid pigment:** - + + -

**NaCl resistance:**

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

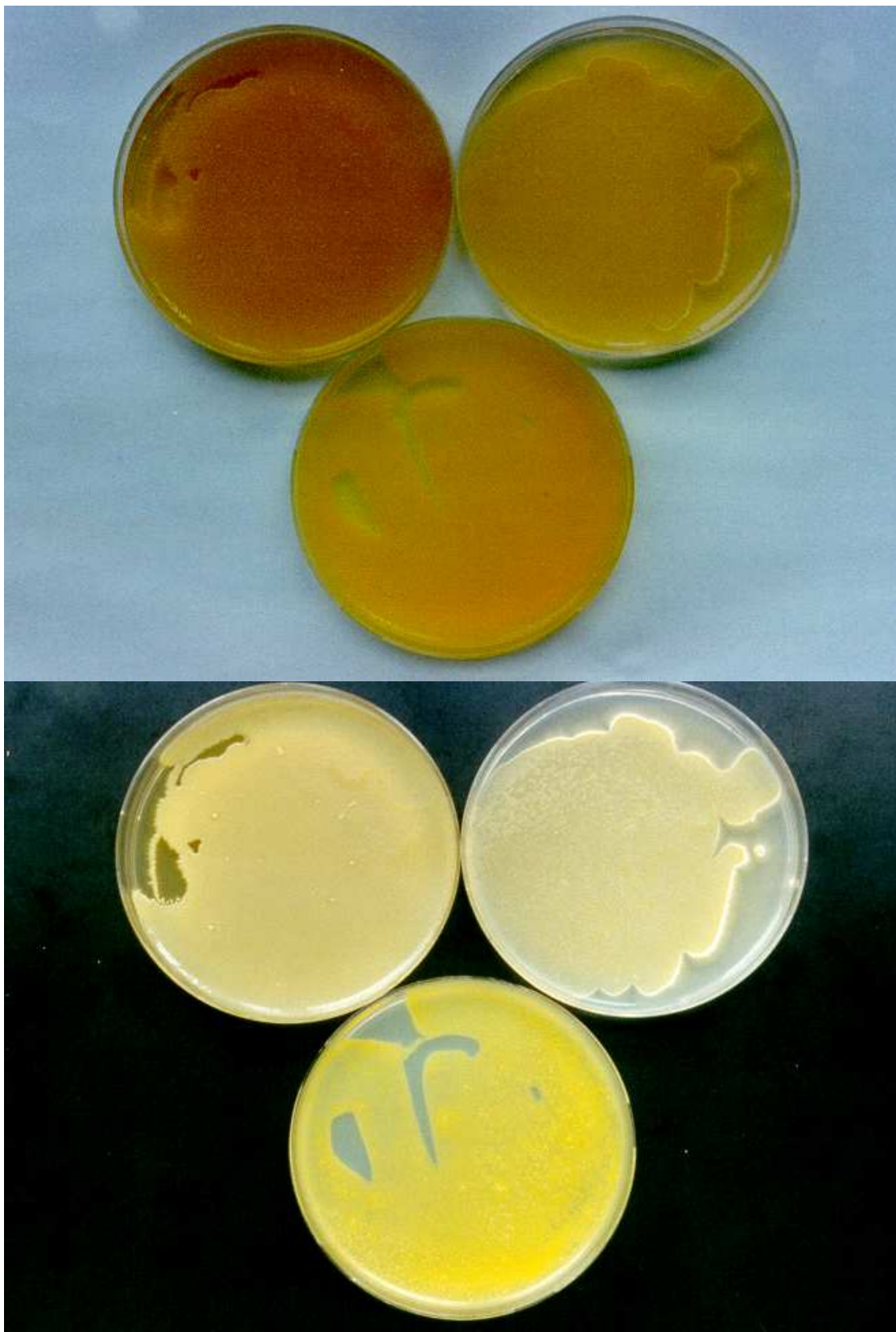
Optimum- 30 °C

**Carbon utilization:**

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

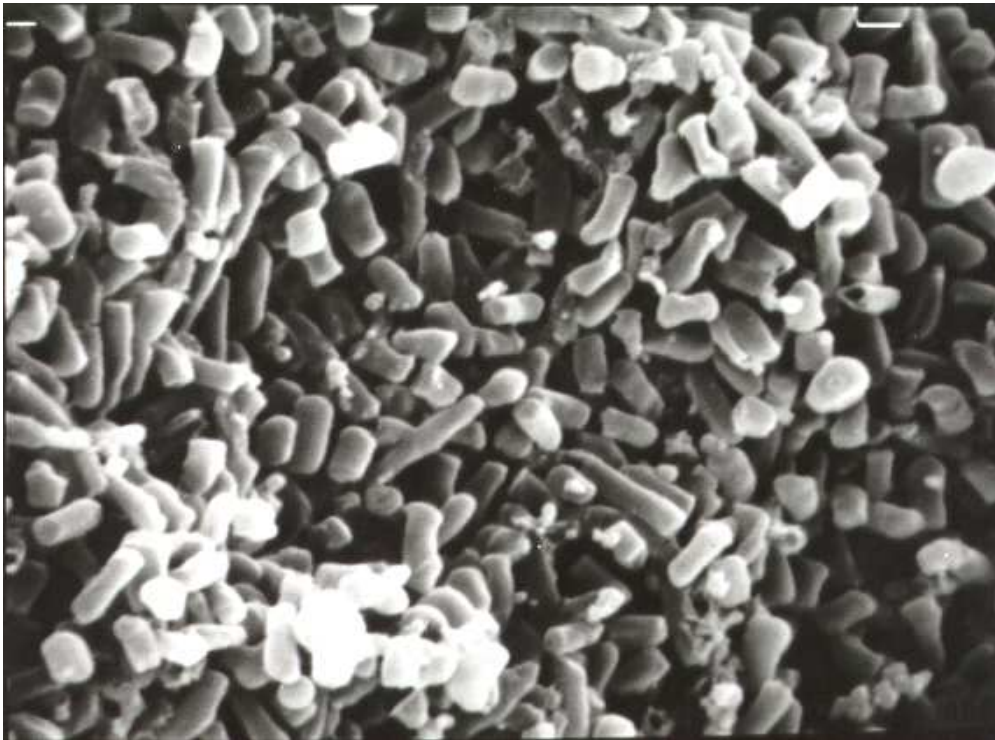
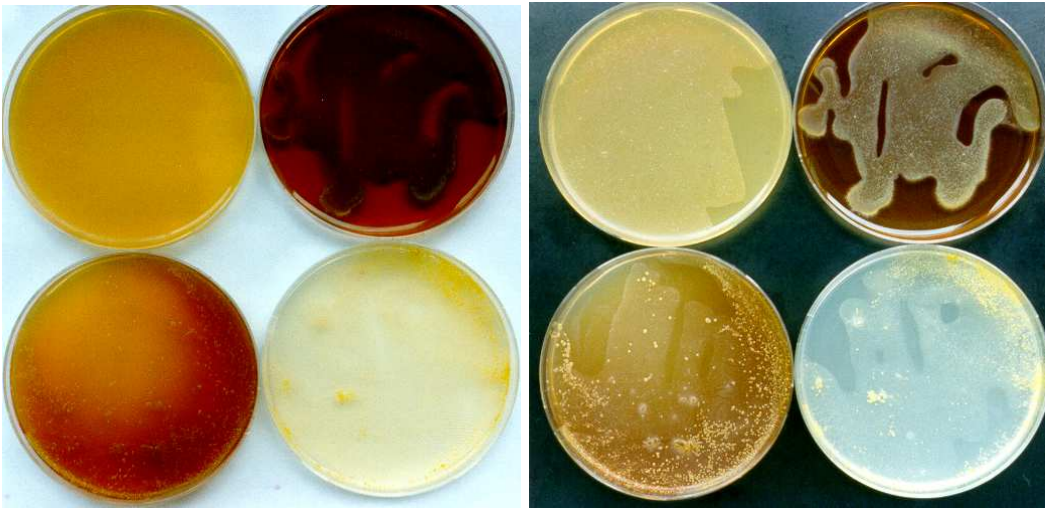
**Enzymes:**

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



***Nocardioides luteus***

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



***Nocardiooides luteus***

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

E – Spore like elements in aerial mycelium (SEM x 10.000)

