

Name: ***Terracoccus luteus***

Authors: Prauser et al. 1997

Status: New Species

Literature: Int. J. Syst. Bacteriol. 47:1223

Risk group: 1 (German classification)

Type strain: DSM 44267, IMET 7848

Lit.: Prauser, H., P. Schumann, F.A. Rainey, R. M. Kroppenstedt and E. Stackebrandt. 1997.

Terracoccus luteus gen. nov., sp. nov., an LL-Diaminopimelic Acid-Containing Coccoid Actinomycete from Soil.

Int. J. System. Bacteriol. 47: 1218-1224.

Genus: Terracoccus

FH 2911

Species: luteus

Numbers in other collections: **DSM 44267**

Morphology:

<u>ISP 2</u>	G good A none	R chrome yellow SP none
<u>ISP 3</u>	G good A none	R chrome yellow SP none
<u>ISP 4</u>	G sparse A none	R chrome yellow SP none
<u>ISP 5</u>	G none A	R SP
<u>ISP 6</u>	G good A none	R chrome yellow SP none
<u>ISP 7</u>	G none A	R SP

NaCl resistance:

5%

Temperature:

Value-

°C

Optimum-

28°C

Carbon utilization:

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

Acid from (Api 20E):

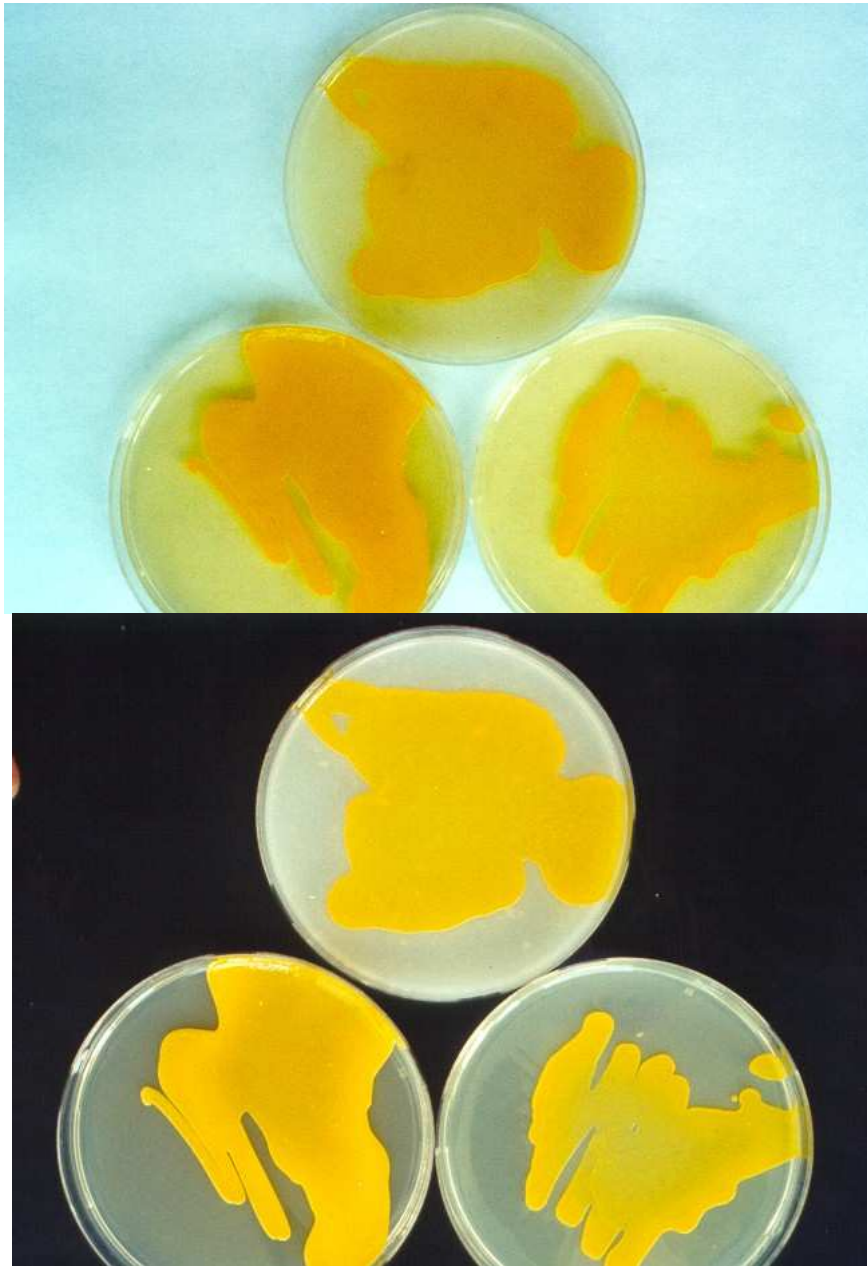
Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
-	-	-	-	-	-	-	-	-

Enzymes:

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

ApiCoryne

Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	-	-	-	-	-	+	+	-	+	-
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg		+
	-	-	-	-	-	-	-	-		



Terracoccus luteus

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