

Name: ***Terrabacter lapilli***

Authors: Lee et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:1087

Risk group: 1 (German classification)

Type strain: DSM 18583, JBRI 2002, KCTC 19199, LR-26

Author(s) Lee JE;Seo JP;Lee DW;Ko YH;Lee SD

Title *Terrabacter lapilli* sp. nov., an actinomycete isolated from stone

Journal Int J Syst Evol Microbiol

Volume 58

Page(s) 1084-1088

Year 2008

Genus: *Terrabacter* **FH 6940**

Species: *lapilli*

Numbers in other collections: DSM 18583

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

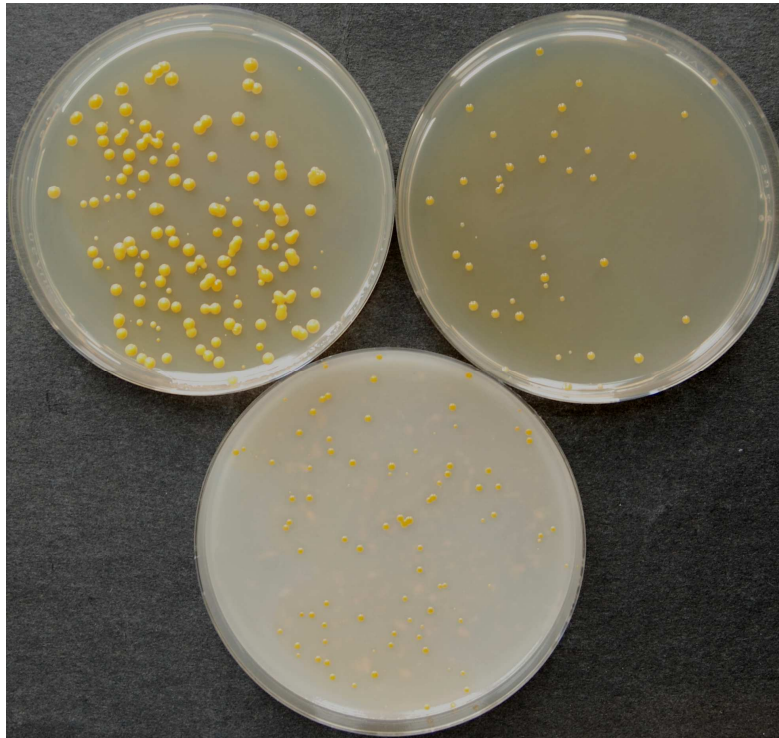
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
				n.d.					

Enzymes:

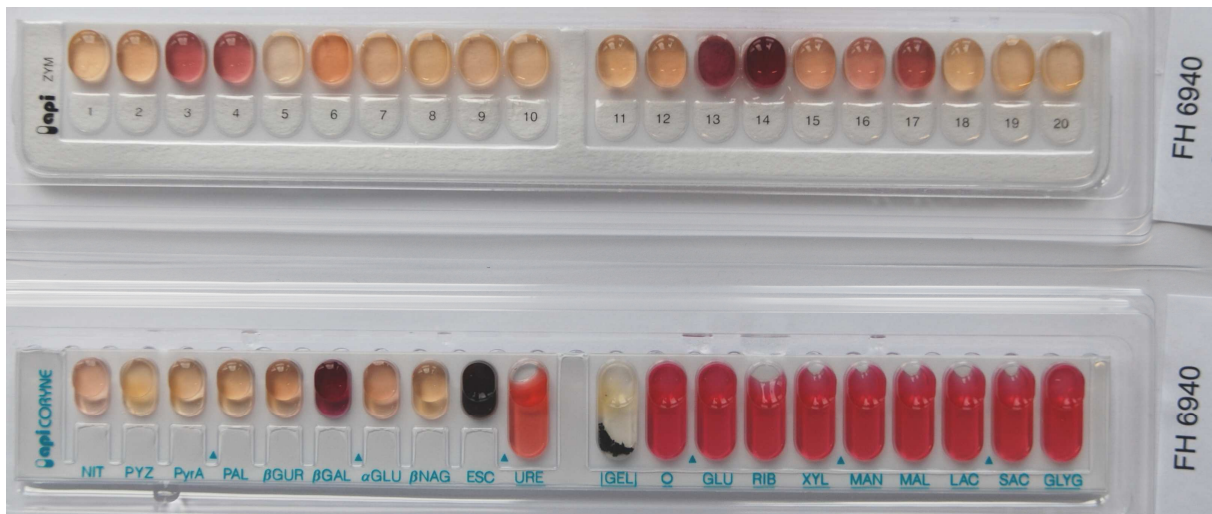
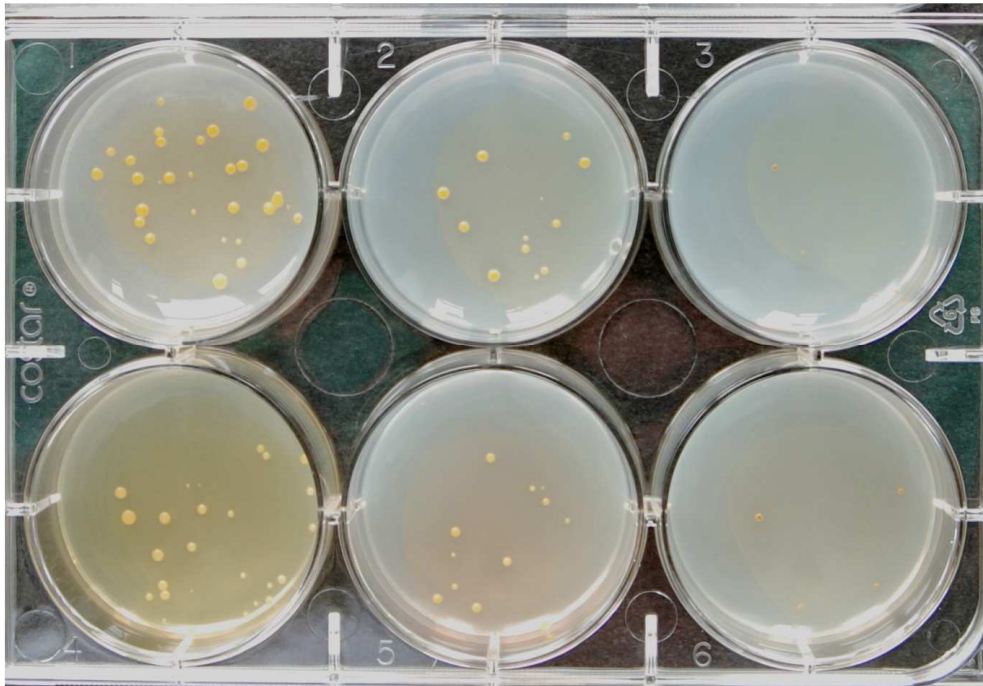
2-	3+	4+	5-	6+	7-	8-	9-	10-	11-	
12-	13+	14+	15-	16(+)	17+	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	-	-	+	-	-	+	+	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:



Terrabacter lapilli

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



Terrabacter lapilli

C – Microplate with ISP- and melanin media

D – Api Zym (upper) and Coryne