

Name: ***Dietzia kunjamensis***

Authors: Mayilraj et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1670

Risk group: 1 (German classification)

Type strain: DSM 44907, JCM 13325, K30-10, MTCC 7007

Author: Mayilraj, S., Suresh, K., Kroppenstedt, R. M., Saini, H. S.
Title: *Dietzia kunjamensis* sp. nov., isolated from the Indian
Himalayas.
Journal: Int. J. Syst. Evol. Microbiol.
Volume: 56
Page: 1667-1671
Year: 2006

Genus: *Dietzia* **FH 6735**

Species: *kunjamensis*

Numbers in other collections: DSM 44907

Morphology:

	G	R
<u>ISP 2</u>	good	zinc yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	green beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	pastel orange
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	green beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	pastel orange
	A	SP
	none	none

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
				n.d.					

Enzymes:

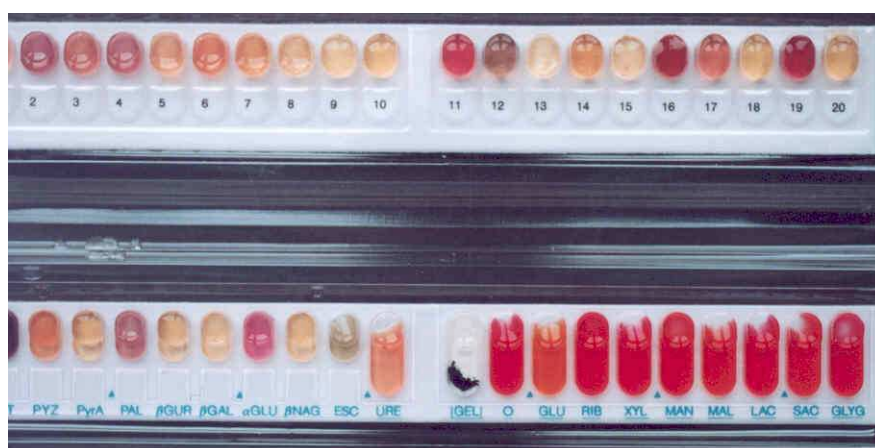
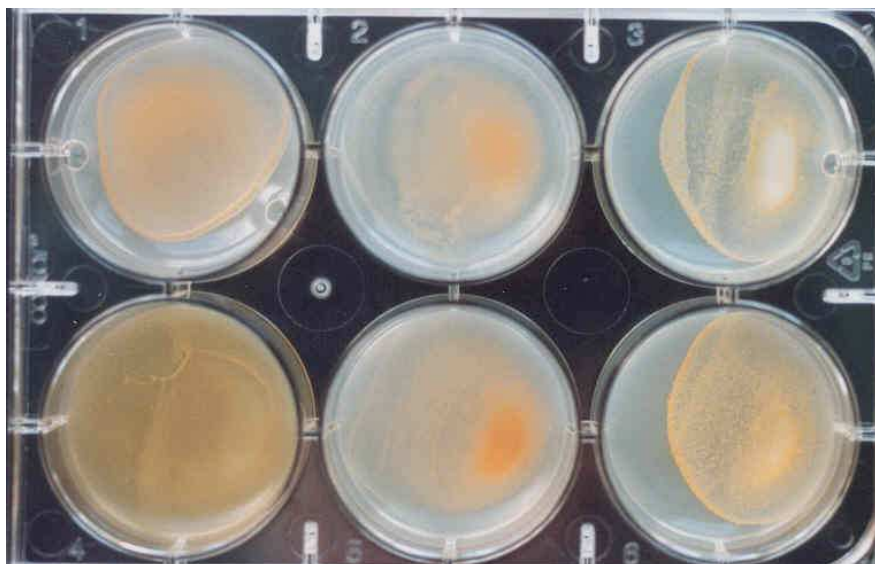
2+	3+	4+	5-	6+	7+	8-	9-	10+	11+	
12+	13-	14(+)	15-	16+	17+	18-	19+	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
+	+	-	+	-	-	+	-	+	+	-
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:



Dietzia kunjamensis

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



Dietzia kunjamensis

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne