

Genus	<i>Nocardia</i>
Species	<i>coeliaca</i>
Subspecies	
Author	(Gray and Thornton 1928) Waksman and Henrici 1948

Reclassification

Status	valid
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Type species	ATCC 17041
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Hazard group	1
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Genus: *Nocardia*

FH 2828

Species: *coeliaca*

Numbers in other collections: ATCC 17041

(Rhodococcus rhodochrous)

Morphology:

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

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

Melanoid pigment: - - + -

NaCl resistance: 5 %

Lysozyme resistance:

Temperature : Value-

Optimum- 37°C

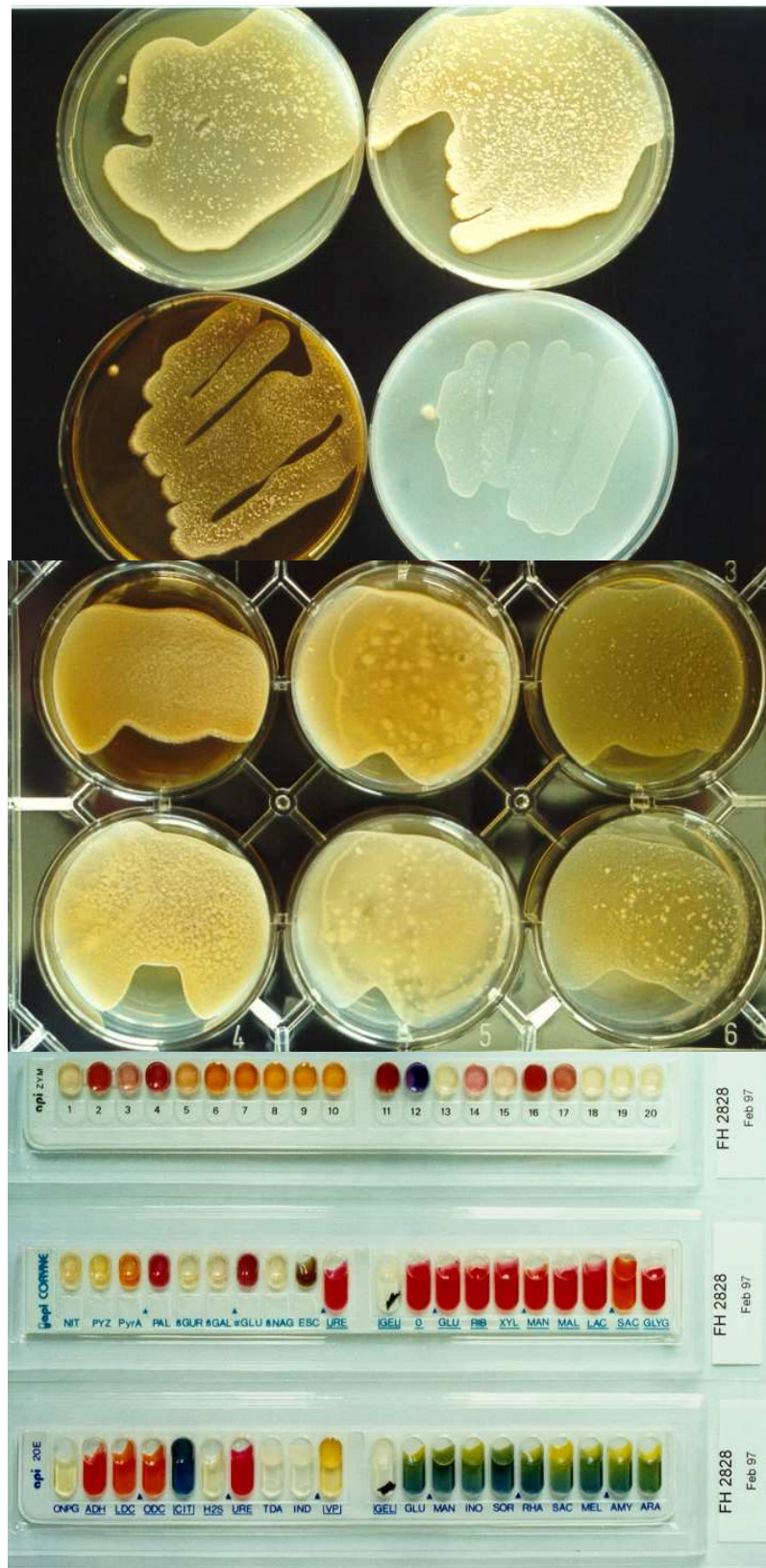
Carbon utilization:

Glu Ara Suc Xyl Ino Man Fru Rha Raf Cel

Enzymes:

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

Comment: good growth on BHI and 5006



Nocardia coeliaca

A – Agar plates medium 5006, 5265, 5425 and 5315

B – Microplate with ISP- and melanin media

C – Api Zym, Coryne and 20E (from the top)

Genus: *Nocardia*

FH 6268

Species: *coeliaca*

Numbers in other collections: **DSM 44595**

Reclassification:

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

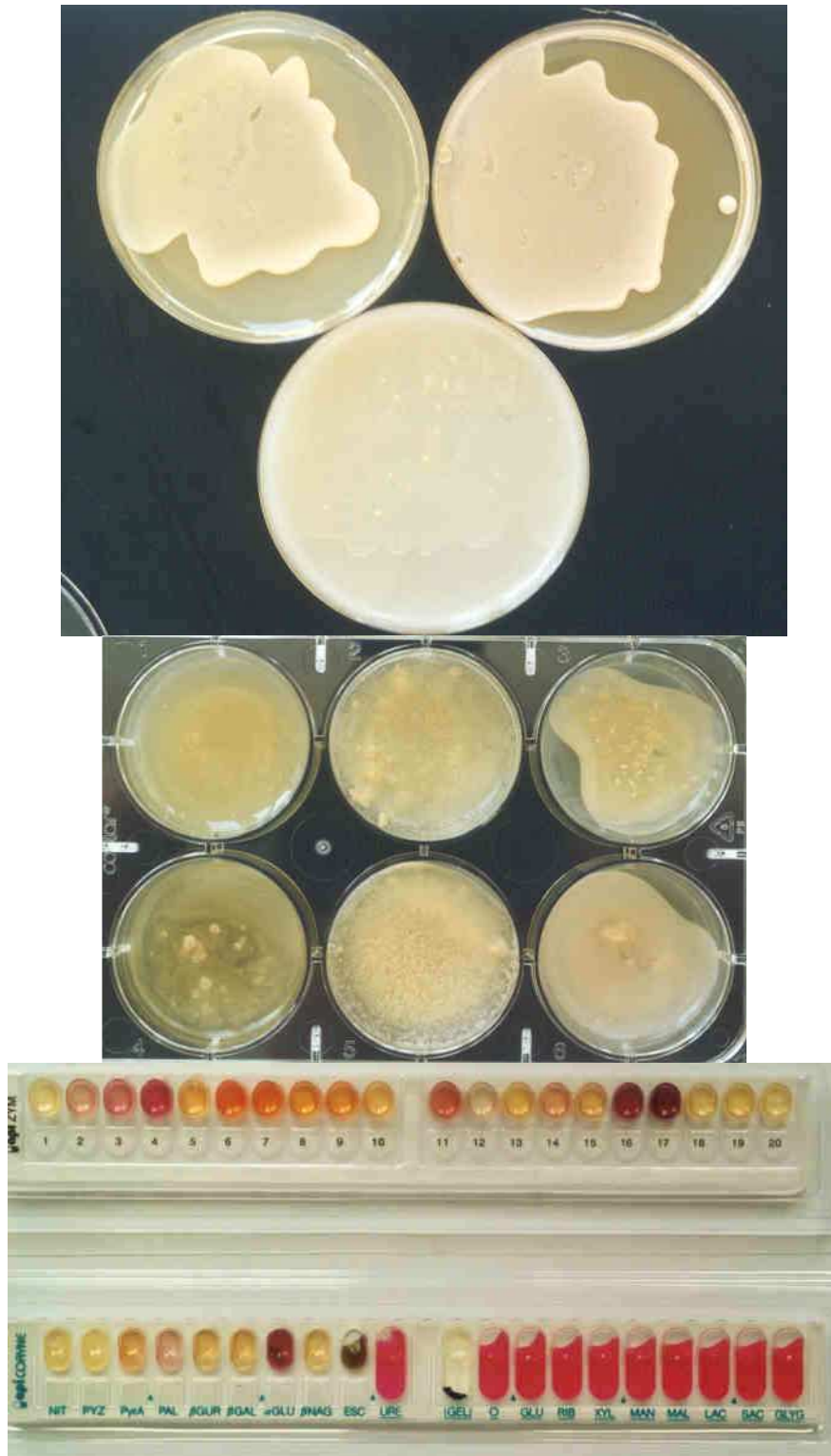
pH: Value- Optimum-

Temperature : Value- Optimum- 28°C

Enzymes:

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

Comments:



Nocardia coeliaca

- A – Agar plates media 5006, 5265 and 5315
- B – Microplate with ISP- and melanin media
- C – Api Zym (upper) and Api Coryne