

Name: ***Nocardiopsis aegyptica***

Authors: Sabry et al. 2004

Status: New species

Literature: Int. J. Syst. Evol. Microbiol. 54:456

Risk group: 1 (German classification)

Type strain: DSM 44442, NRRL-B-24244

Author(s) Sabry, S. A., Ghanem, N. B., Abu-Ella, G. A., Schumann, P.,  
Stackebrandt, E., Kroppenstedt, R. M.

Title *Nocardiopsis aegyptica* sp. nov., isolated from marine  
sediment.

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<b><u>Genus:</u></b>	<b><i>Nocardioopsis</i></b>	<b>FH 6477</b>
<b><u>Species:</u></b>	<b><i>aegyptia</i></b>	
<b><u>Numbers in other collections:</u></b>	<b>DSM 44442</b>	

**Morphology:**

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

**Melanoid pigment:** - - - -

**NaCl resistance:** 10 %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 28 °C

**Carbon utilization:**

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

**Enzymes:** Api Zym

2 +	3 +	4 +	5 -	6 +	7 +	8 -	9 -	10 +	11 +
12 +	13 +	14 +	15 -	16 +	17 +	18 +	19 -	20 -	

**Comments:** Formation of aerial mycelium (cream) on the media 5006, 5422 + 10% NaCl, 5415 and 5429 in artificial sea water



***Nocardioopsis aegyptica***

A and B – Agar plates medium 5006, 5265, 5315, 5422 + 10 % NaCl, 5415 and 5429 in artificial seawater



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C and D – Microplate with ISP- and melanin media