

Name: ***Streptomyces synnematoformans***

Authors: Hozzein and Goodfellow 2007

Status: New Species

Literature: Int. J. Syst. Evol. Microbiol. 57: 2012

Risk group: 1 (German classification)

Type strain: CGMCC 4.2055, DSM 41902, S155

Author: Hozzein WN; Goodfellow M

Title: *Streptomyces synnematoformans* sp. nov., a novel actinomycete isolated from a sand dune soil in Egypt

Journal: Int J Syst Evol Microbiol

Volume: 57

Page: 2009-2013

Year: 2007



Api Zym

Genus: ***Streptomyces***

FH 6856

Copyright: PD Dr. Joachim M. Wink, HZI - Helmholtz-Zentrum für Infektionsforschung GmbH,
Inhoffenstr. 7, 38124 Braunschweig, Germany, Mail: joachim.wink@helmholtz-hzi.de.

Species: *synnematoformans*

Numbers in other collections: DSM 41902

Morphology:

	G	R
<u>ISP 2</u>	good	chestnut brown
	A	SP
	none	pale brown
	G	R
<u>ISP 3</u>	sparse	brown beige
	A	SP
	none	beige red
	G	R
<u>ISP 4</u>	sparse	chestnut brown
	A	SP
	none	beige red
	G	R
<u>ISP 5</u>	sparse	ocher brown
	A	SP
	none	none
	G	R
<u>ISP 6</u>	sparse	brown beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	sparse	brown beige
	A	SP
	none	none

Melanoid pigment: - - + -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- °C

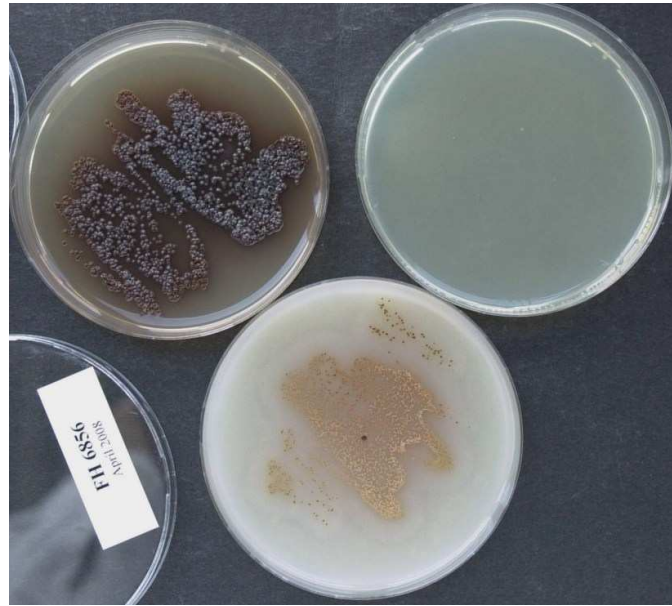
Carbon utilization:

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

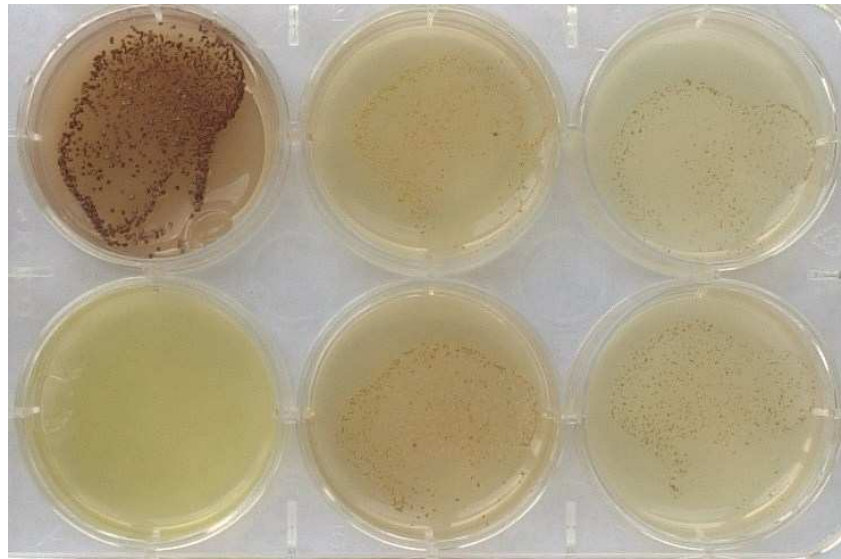
Enzymes:

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

Comments:



Streptomyces synnematoformans
Agar plates medium 5006, 5265 and 5315



Streptomyces synnematoformans
Microplate with ISP- and melanin media