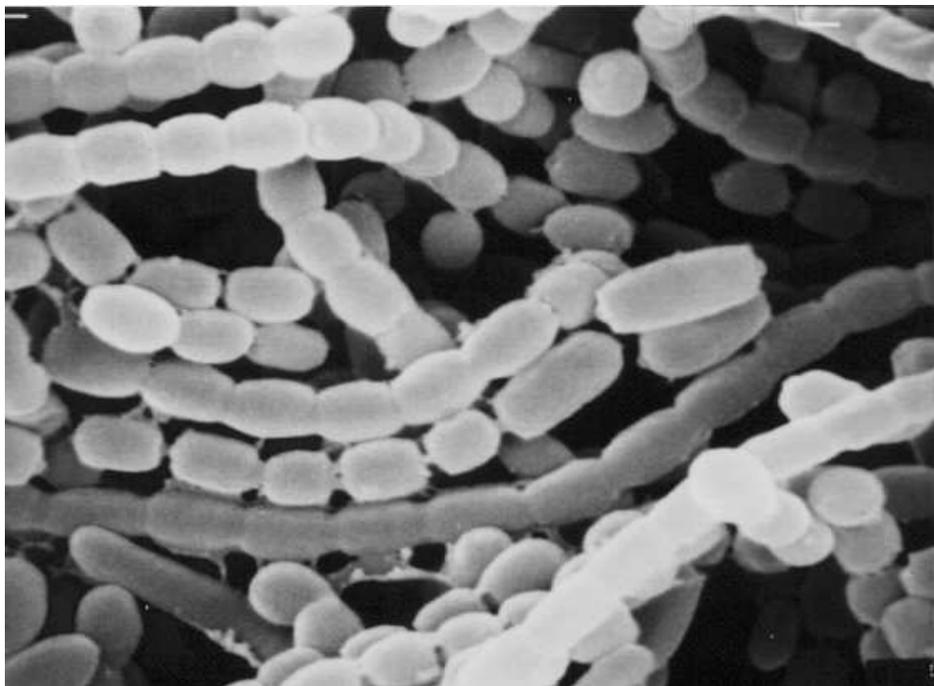


Name: *Streptomyces diastaticus* subsp. *ardesiacus*  
Authors: (Baldacci et al. 1955) Pridham et al. 1958  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:379 (AL)  
Risk group: 1 (German classification)  
Type strain: CBS 100.56, DSM 40934

Name: ***Streptomyces diastaticus* subsp. *diastaticus***  
Authors: (Krainsky 1914) Waksman and Henrici 1948  
Status: Approved Lists  
Reference(s): Int. J. Syst. Bacteriol. 30:379 (AL)  
Risk group: 1 (German classification)  
Type strain: ATCC 3315, IMET 40274, DSM 40496



***Streptomyces diastaticus* subsp. *diastaticus***  
A – Spore chains with smooth spores in SEM (x 10.000)

**Genus:** *Streptomyces*

FH 2214

**Species:** *diastaticus*

**Subspecies:** *diastaticus*

**Numbers in other collections:** DSM 40496

Morphology:

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

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

**Melanoid pigment:** -

**NaCl resistance:** -5 %

**Lysozyme resistance:**

**pH:** Value-

Optimum-

**Temperature :** Value-

Optimum- 30°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
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**Comments**



***Streptomyces diastaticus* subsp. *diastaticus***

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



***Streptomyces diastaticus* subsp. *diastaticus***

D and E – Microplate with ISP- and melanin media