

Name: ***Streptomyces longispororuber***
Authors: Waksman 1953
Status: Approved Lists
Reference(s): Int. J. Syst. Bacteriol. 30:391 (AL)
Risk group: 1 (German classification)
Type strain: ATCC 27443, CBS 789.72, IFO 13488, ISP 5599, RIA 1449, DSM 40599



Streptomyces longispororuber

A – Agar plates medium 5006, 5265, 5315 and 5323

Genus: *Streptomyces*

FH 1359

Species: *longispororuber*

Numbers in other collections: ATCC 13931

Morphology:

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

Spore chains:

Spore surface:

Sporangia:

Fragmentation:

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

Enzymes:

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

Comments: the strain produces neither aerial mycelium nor sporechains



Streptomyces longispororuber

B and C – Agar plates medium 5318, 5322, 5337 with and without tyrosine