

Name: ***Kitasatospora nipponensis***

Authors: Groth et al. 2004

Status: New Specis

Literature: Int. J. Syst. Evol. Microbiol. 54:2127

Risk group: 1 (German classification)

Type strain: DSM 44787, HKI 0315, NCIMB 13975

Author(s) Groth, I., Rodríguez, C., Schütze, B., Schmitz, P., Leistner, E., Goodfellow, M.

Title Five novel *Kitasatospora* species from soil: *Kitasatospora arboriphila* sp. nov., *K. gansuensis* sp. nov., *K. nipponensis* sp. nov., *K. paranensis* sp. nov. and *K. terrestris* sp. nov.

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**Genus:** *Kitasatospora* **FH 6486**  
**Species:** *nipponensis*  
**Numbers in other collections:** **DSM 44787**

Morphology:

	G	R
<u>ISP 2</u>	good	brown beige
	A	SP
	white	none
	G	R
<u>ISP 3</u>	good	brown beige
	A	SP
	squirrel grey	none
	G	R
<u>ISP 4</u>	good	brown eige
	A	SP
	squirrel grey	none
	G	R
<u>ISP 5</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 6</u>	sparse	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	brown beige
	A	SP
	none	none

**Melanoid pigment:** - - + -

**NaCl resistance:** %

**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:**



***Kitasatospora nipponensis***

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



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C and D – Microplate with ISP- and melanin media