

Name: ***Nocardioides insulae***

Authors: Yoon et al. 2007

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 57:138

Risk group: 1 (German classification)

Type strain: DS-51, DSM 17944, KCTC 19180

Author: Yoon, J.-H., Kang, S.-J., Lee, C.-H., Oh, T.-K.
Title: *Nocardioides insulae* sp. nov., isolated from soil.
Journal: Int. J. Syst. Evol. Microbiol.
Volume: 57
Page: 136-140
Year: 2007

Genus: *Nocardioides*

FH 6768

Species: *insulae*

Numbers in other collections: DSM 17944

Morphology:

| | | |
|--------------|------|--------------|
| | G | R |
| <u>ISP 2</u> | good | lemon yellow |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 3</u> | good | geige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 4</u> | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 5</u> | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 6</u> | good | lemon yellow |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 7</u> | good | lemon yellow |
| | 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 |
| | | | | n.d. | | | | | |

Enzymes:

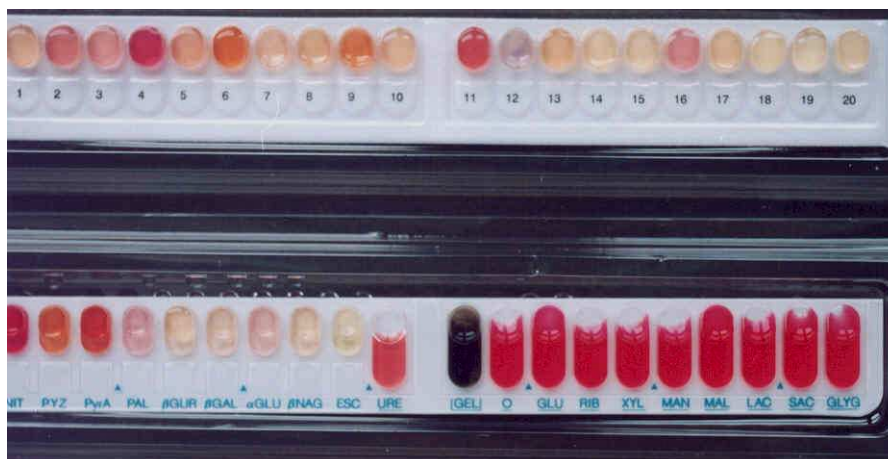
| | | | | | | | | | | |
|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|
| 2+ | 3+ | 4+ | 5- | 6+ | 7- | 8- | 9+ | 10- | 11+ | |
| 12+ | 13- | 14- | 15- | 16+ | 17- | 18- | 19- | 20- | | |
| Nit | Pyz | Pyr | Pal | βGur | βGal | αGlu | βNag | Esc | Ure | Gel |
| + | + | + | + | - | - | + | - | - | + | + |
| Glu | Rib | Xyl | Man | Mal | Lac | Sac | Glyg | | | |
| - | - | - | - | - | - | - | - | | | |

Comments:



Nocardioides insulae

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



Nocardioides insulae

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne