

Name: ***Nocardiopsis quinghaiensis***

Authors: Chen et al. 2008

Status: sp. nov. (VP)

Reference: Int. J. Syst. Evol. Microbiol. 58:703

Risk group: 1 (German classification)

Type strain: CGMCC 4.3494, DSM 44739, YIM 28A4

Author(s) Chen YG;Cui XL;Kroppenstedt RM;Stackebrandt E;Wen ML;Xu LH;Jiang CL

Title *Nocardiopsis quinghaiensis* sp. nov., isolated from saline soil in China

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Year 2008

Genus: *Nocardioopsis* **FH 6925**

Species: *quinghaiensis*

Numbers in other collections: DSM 44739

Morphology:

| | | |
|--------------|--------|-------|
| | G | R |
| <u>ISP 2</u> | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 3</u> | sparse | |
| | A | SP |
| | G | R |
| <u>ISP 4</u> | good | beige |
| | A | SP |
| | none | none |
| | G | R |
| <u>ISP 5</u> | sparse | |
| | A | SP |
| | G | R |
| <u>ISP 6</u> | sparse | |
| | A | SP |
| | G | R |
| <u>ISP 7</u> | sparse | |
| | A | SP |

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

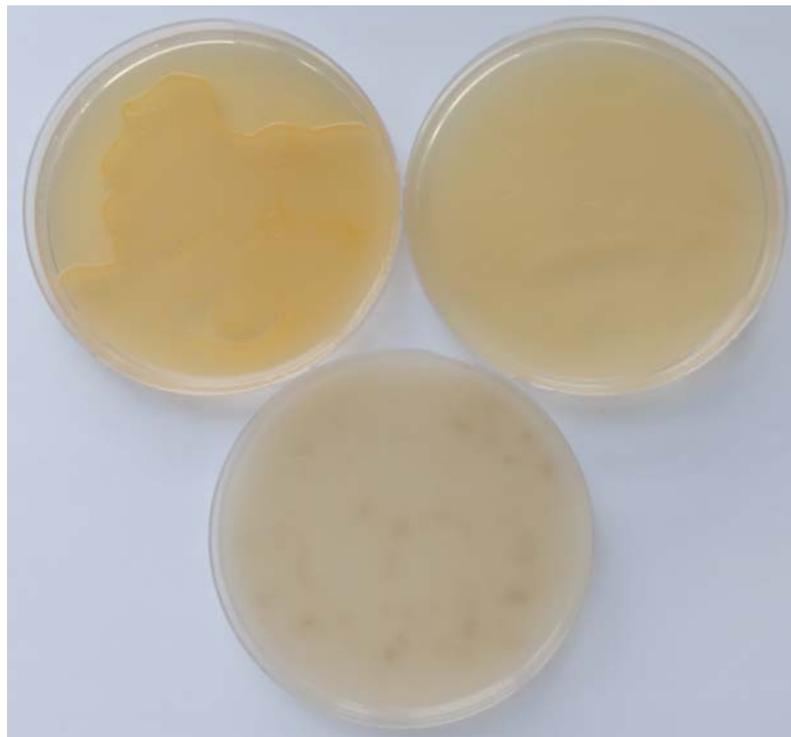
Carbon utilization:

| | | | | | | | | | |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| Glu | Ara | Suc | Xyl | Ino | Man | Fru | Rha | Raf | Cel |
| | | | | n.d. | | | | | |

Enzymes:

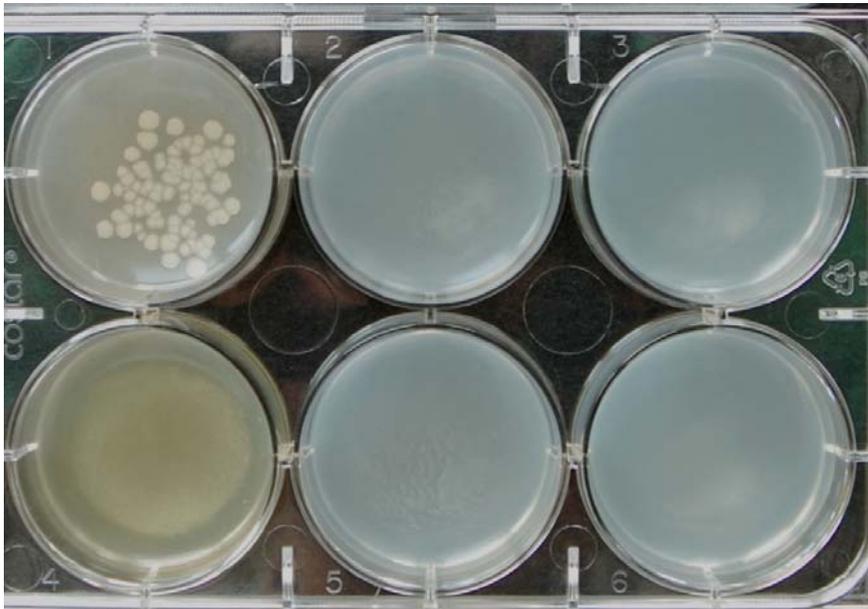
| | | | | | | | | | | |
|-----|-----|-----|-----|-------|------|------|------|-----|-----|-----|
| 2+ | 3+ | 4+ | 5- | 6- | 7- | 8- | 9- | 10- | 11+ | |
| 12- | 13- | 14- | 15- | 16(+) | 17- | 18- | 19- | 20- | | |
| Nit | Pyz | Pyr | Pal | βGur | βGal | αGlu | βNag | Esc | Ure | Gel |
| + | - | - |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

Comments:



Nocardioopsis quinghaiensis

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



Nocardiosis quinghaiensis

C – Microplate with ISP- and melanin media

D – Api Coryne (upper) and Zym