

Name: ***Nesterenkonia aethiopica***

Authors: Delgado et al. 2006

Status: New Species

Reference: Int. J. Syst. Evol. Microbiol. 56:1232

Risk group: 1 (German classification)

Type strain: CCUG 48939, DSM 17733

Author: Delgado, O., Quillaguamán, J., Bakhtiar, S., Mattiasson, B., Gessesse, A., Hatti-Kaul, R.

Title: *Nesterenkonia aethiopica* sp. nov., an alkaliphilic, moderate halophile isolated from an Ethiopian soda lake.

Journal: Int. J. Syst. Evol. Microbiol.

Volume: 56

Page: 1229-1232

Year: 2006

Genus: *Nesterenkonia* **FH 6773**

Species: *aethiopica*

Numbers in other collections: DSM 17773

Morphology:

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

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

Optimum- 30 °C

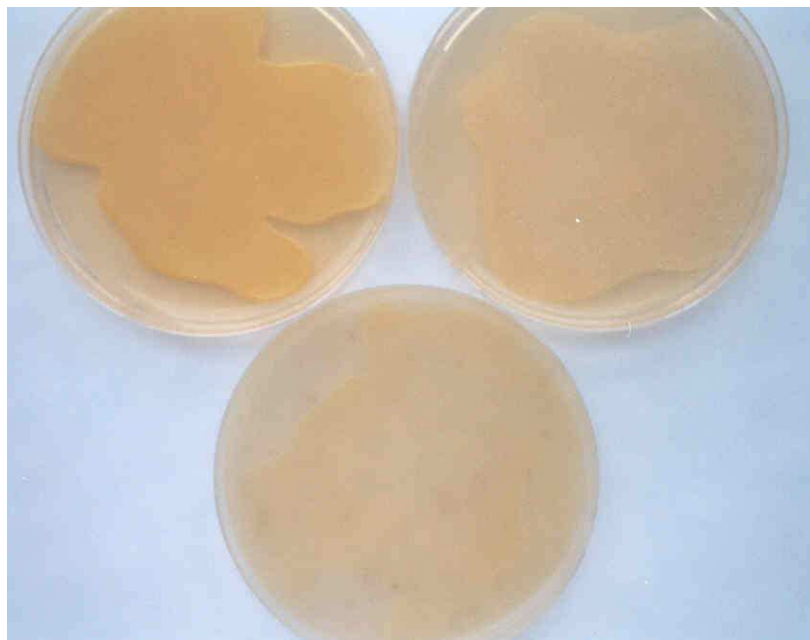
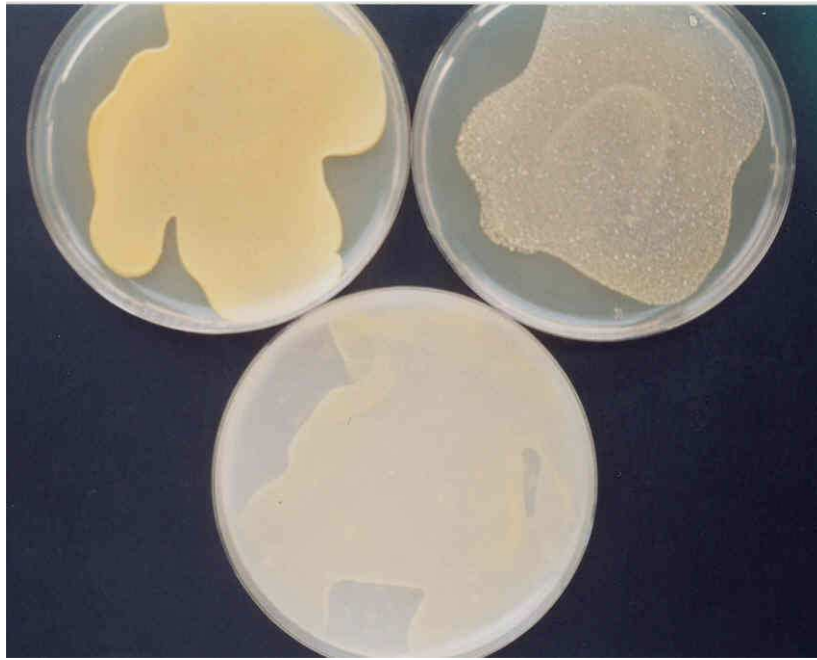
Carbon utilization:

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

Enzymes:

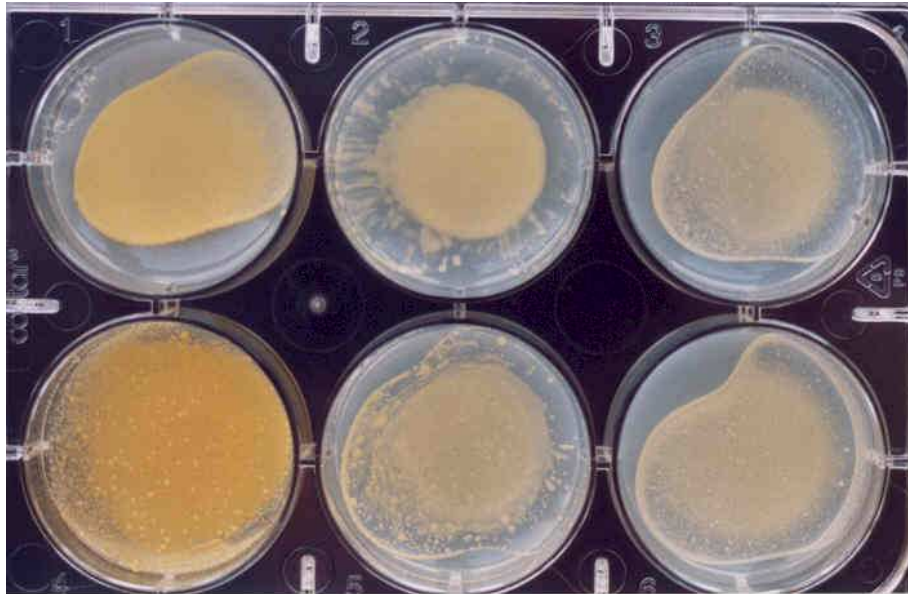
2+	3+	4+	5+	6+	7(+)	8-	9-	10-	11+	
12-	13-	14-	15-	16-	17-	18-	19-	20-		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	-	-	+	-	+	-	-	-	+	+
Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg			
-	-	-	-	-	-	-	-			

Comments:



Nesterenkonia aethiopica

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



Nesterenkonia aethiopica

C – Microplate with ISP- and melanin media

D – Api zym (upper) and coryne