

Name: ***Williamsia murale***
Authors: Kämpfer et al. 1999
Status: New Species
Literature: Int. J. Syst. Bacteriol. 49:686
Risk group: 1 (German classification)
Type strain: DSM 44343, MA 140/96

Reverence

Kämpfer, P., M.A. Anderson, F.A. Rainey, R.M. Kroppenstedt and M.Salkinoja-Salonen. 1999.

Williamsia murale gen. nov., sp. nov., isolated from the indoor environment of a children´s day care centre
Int. J, Syst. Bacteriol. 49: 681-687

Genus: *Williamsia*

FH 6155

Species: *murale*

Numbers in other collections: **DSM 44343**

Morphology:

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

Spore chains: -

Spore surface: -

Sporangia: -

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance:

Lysozyme resistance:

pH: Value-

Optimum-

Temperature : Value-

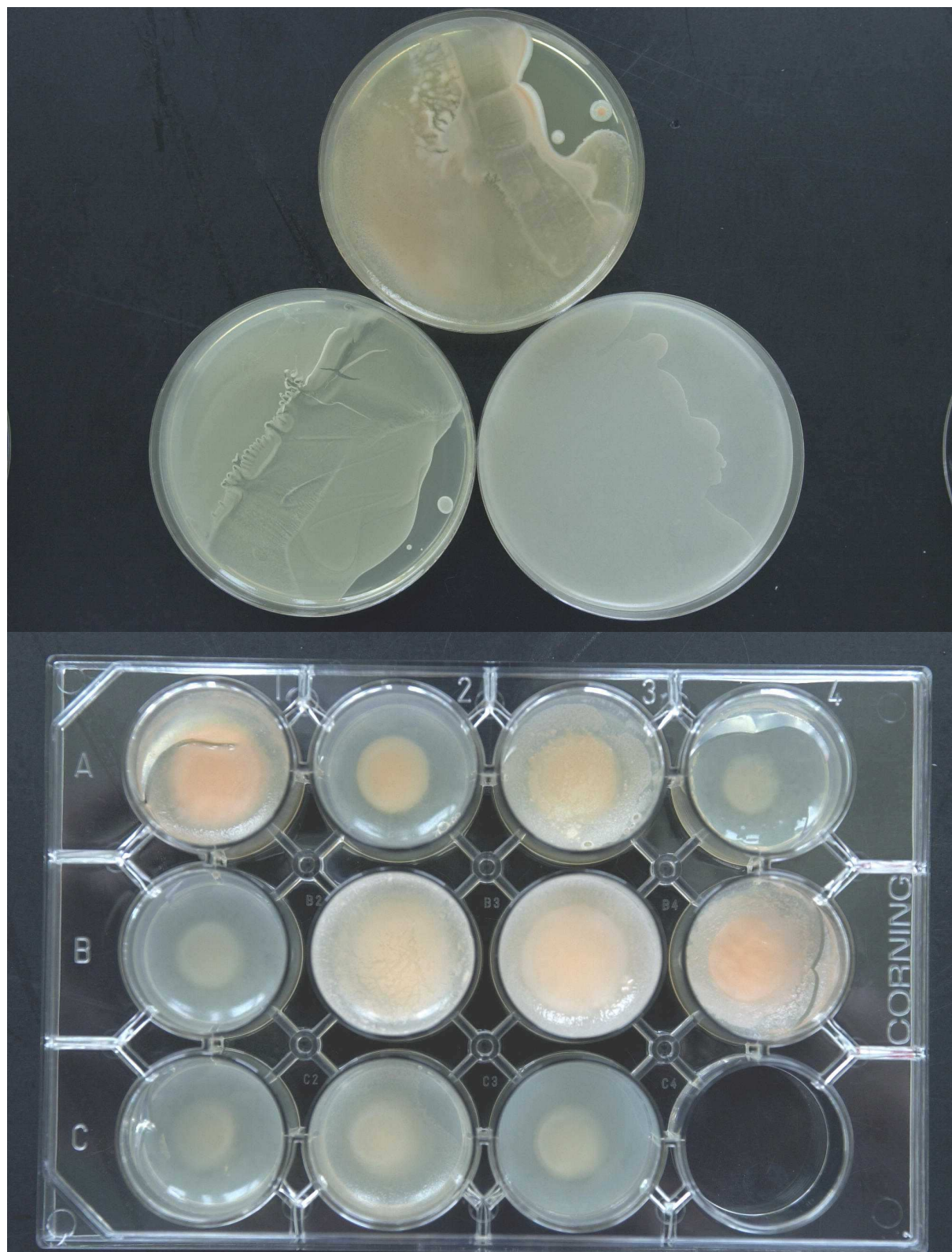
Optimum- 28°C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	+	+	-	-	+	+	+	-	-

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
-	+	+	+	+	-	+	+	-	-	-
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			
-	-	-	-	-	-	-	-			



Williamsia murale

- A – Agar plates media 5006, ISP 2 and ISP 3
- B – 12 well plate for carbo hydrate utilization

