

Name: *Corynebacterium matruchotii*

Authors: (Mendel 1919) Collins 1983

Status: New Combination

Reference(s): Int. J. Syst. Bacteriol. 33:438 (validation list)

Risk group: 2 (German classification)

Type strain: ATCC 14266, DSM 20635, IMET 11403,  
NCTC 10254

Other names: *Bacterionema matruchotii* (basonym)

Author(s) Collins, M. D.  
Title Reclassification of *Bacterionema matruchotii* (Mendel) in the  
genus *Corynebacterium*, as *Corynebacterium matruchotii*  
comb. nov.  
Journal Zbl. Bakt. Hyg., I. Abt. Orig. C  
Volume 3  
Page(s) 364-367  
Year 1982



**Genus:** *Corynebacterium*

FH 6245

**Species:** *matruchotii*

**Numbers in other collections:** DSM 20635

**Reclassification:**

**Morphology:**

	G	R
<u>ISP 2</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	sand yellow
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	beige
	A	SP
	none	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>	sparse	beige
	A	SP
	none	none

**Melanoid pigment:** - - - -

**NaCl resistance:** %

**Lysozyme resistance:**

**pH:** Value- Optimum-

**Temperature :** Value- Optimum- 37°C

**Enzymes:**

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

**Comments:**



***Corynebacterium matruchotii***

A – Agar plates media 5006, 5265 and 5315

B – Api Zym (lower) and Api Coryne