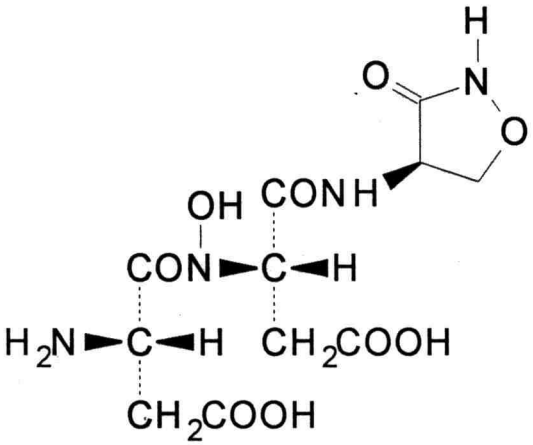
Genus	*Corynebacterium*
Species	*kutscheri*
Subspecies	
Author	(Migula 1900) Bergey et al. 1925
Synonyms	
Status	valid
Type species	ATCC 15677, DSM 20755
Hazard group	1+

L-Aspartyl-L-N^2-hydroxyaspartyl-D-cycloserine isolated from cultures of *Corynebacterium kutscheri* grown on an Fe-limiting medium.



Genus: ***Corynebacterium*** **FH 2766**
Species: ***kutscheri***
Numbers in other collections: **DSM 20755**
Morphology:

	G	R
ISP 2	none	
	A	SP
	G	R
ISP 3	none	
	A	SP
	G	R
ISP 4	good	colorless
	A	SP
	none	none
	G	R
ISP 5	none	
	A	SP
	G	R
ISP 6	good	colorless
	A	SP
	none	yes
	G	R
ISP 7	none	
	A	SP

NaCl resistance: 5.0%
Temperature: Value- ℃ Optimum- 28℃
Carbon utilization:

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

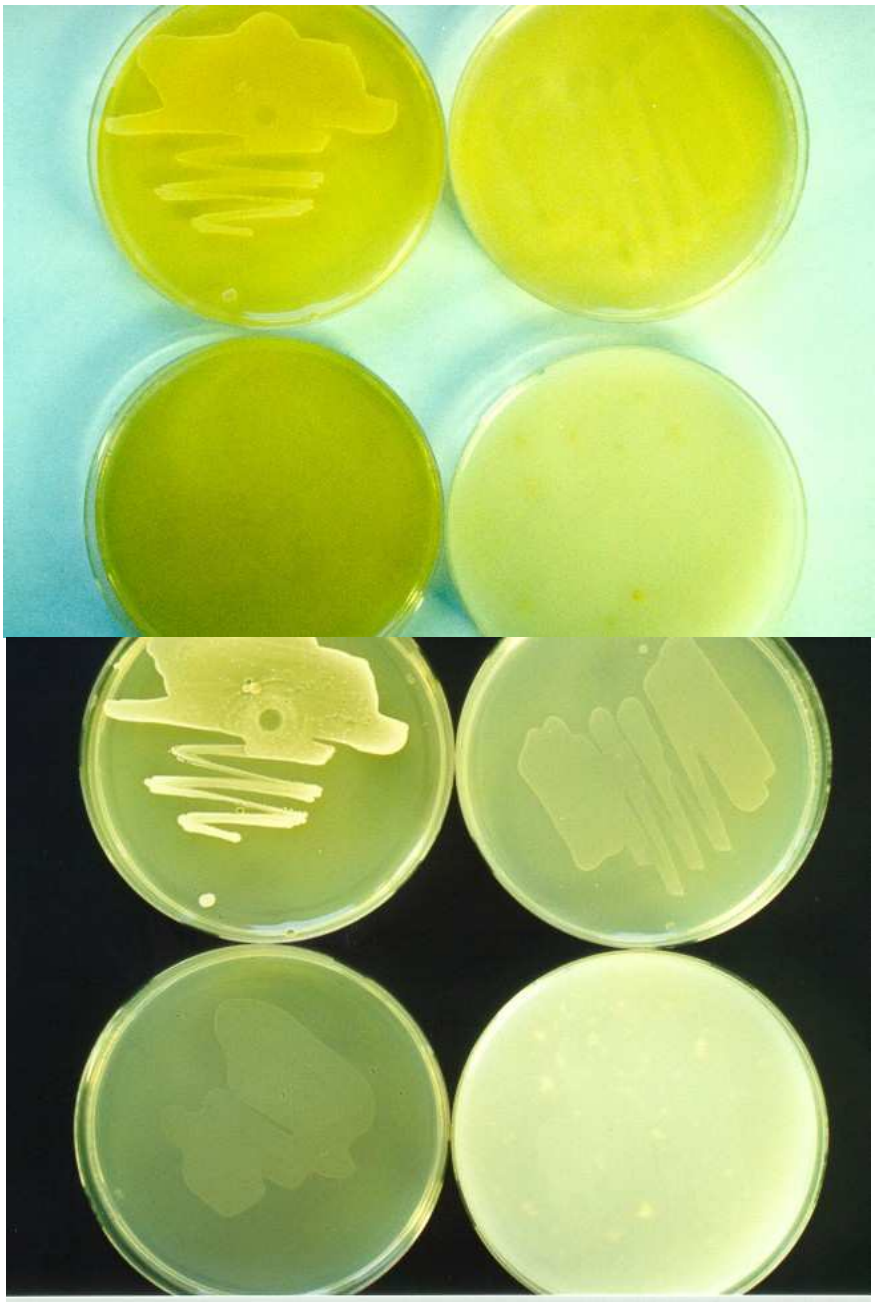
Acid from (Api 20E):

Glu	Man	Ino	Sor	Rha	Sac	Mel	Amy	Ara
-	-	-	-	+	+	-	-	-

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S	
	-	-	-	-	-	+	+	-	+	+	+	
ApiZym	2	3	4	5	6	7	8	9	10	11	12	
	-	+	+	-	+	-	-	+	-	-	-	
	13	14	15	16	17	18	19	20				
	-	-	-	+	+	-	-	-				
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	-	-	-	-	-	-	+	-	+	+	-	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
	+	-	-	-	+	-	+	-				

Comments: strain growth on BHI (saffron yellow)



Corynebacterium kutscheri
A and B – Agar plates medium 5425, 5006, 5265 and 5315