Strain		DSM 23364
Genus		***Ornithinibacter***
Species		***aureus***
Status		
Risk group		L1
Type strain		HB09001, CGMCC 1.10341
Reference		
Author		Xiao, C., Huang, H., Ye, J., Wu, X., Zhu, J., Zhan, B., Bao, S.
Title		*Ornithinibacter aureus* gen. nov., sp. nov., a novel member of the family *Intrasporangiaceae*.
Journal		*Int J Syst Evol Microbiol*
Volume		**61** (Pt 3)
Page		659-664
Year		2011
Morphology		
Agar	ISP 2 - growth/G	Good
Agar	ISP 2 - colony color/R	Golden yellow (1004)
Agar	ISP 2 - aerial mycelium/A	None
Agar	ISP 2 - soluble pigment/S	None
Agar	ISP 3 - G	Good
Agar	ISP 3 - R	Traffic yellow (1023)
Agar	ISP 3 - A	None
Agar	ISP 3 - S	None
Agar	ISP 4 - G	Good
Agar	ISP 4 - R	None
Agar	ISP 4 - A	None
Agar	ISP 4 - S	None
Agar	ISP 5 - G	Good
Agar	ISP 5 - R	None
Agar	ISP 5 - A	None
Agar	ISP 5 - S	None
Agar	ISP 6 - G	/
Agar	ISP 6 - R	/
Agar	ISP 6 - A	/
Agar	ISP 6 - S	/
Agar	ISP 7 - G	Good
Agar	ISP 7 – R	Ocher brown (8001)
Agar	ISP 7 - A	None
Agar	ISP 7 - S	Brown beige (1011)
Agar	suter with tyrosine - G	Good – decreased
Agar	suter with tyrosine - R	Brown beige (1011)
Agar	suter with tyrosine - A	None
Agar	suter with tyrosine - S	None
Agar	suter without tyrosine - G	Good – decreased

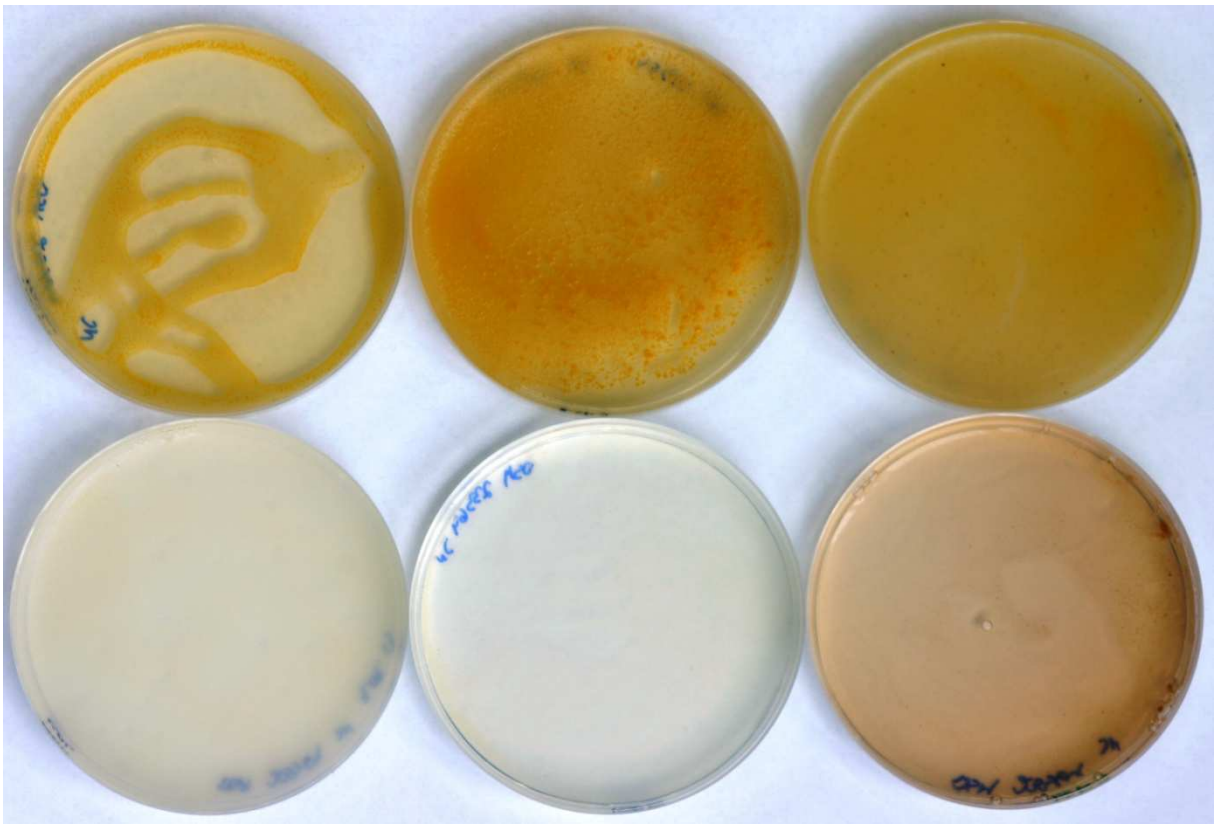
Agar	suter without tyrosine - R	None
Agar	suter without tyrosine - A	None
Agar	suter without tyrosine - S	None
	Sporechains/Sporangia	
Physiology		
Melanin		+
pH	range	
pH	optimum	
temperature	range	
temperature	optimume	
sodim chloride tolerance		2,5%
lysozyme tolerance		
use of carbohydrates	glucose	+
use of carbohydrates	arabinose	+
use of carbohydrates	sucrose	+
use of carbohydrates	xylose	+
use of carbohydrates	inositol	+
use of carbohydrates	mannose	+
use of carbohydrates	fructose	+
use of carbohydrates	rhamnose	+
use of carbohydrates	raffinose	+
use of carbohydrates	cellulose	+
Api zym	Phosphatase alcaline	4
Api zym	Esterase (C4)	4
Api zym	Esterase Lipase (C8)	4
Api zym	Lipase (C14)	0
Api zym	Leucin arylamidase	5
Api zym	Valine arylamidase	1
Api zym	Cystine arylamidase	1
Api zym	Trypsin	0
Api zym	Chymotrypsin	2
Api zym	Phosphatase acid	3
Api zym	Naphtol-AS-BI-phosphohydrolase	3
Api zym	alpha galactosidase	5
Api zym	beta galactosidase	5
Api zym	beta glucuronidase	0
Api zym	alpha glucosidase	3
Api zym	beta GLUCOSIDASE	5
Api zym	N-acetyl-beta-glucoseamidase	0
Api zym	alpha mannosidase	0
Api zym	alpha fucosidase	0
Api coryne	nitrate reduction	-
Api coryne	Pyraziamidase	-
Api coryne	Pyrrolidonyl arylamidase	-

Api coryne	Alkaline phosphatase	+
Api coryne	beta glucuronidase	-
Api coryne	beta galactosidase	+
Api coryne	alpha glucosidase	+
Api coryne	N-acetyl -beta glucoseamidase	-
Api coryne	Esculin (beta glucosidase)	+
Api coryne	Urease	-
Api coryne	Gelatine(hydrolysis)	-
Api coryne	Glucose fermentation	+
Api coryne	Ribose fermentation	-
Api coryne	Xylose fermentation	-
Api coryne	Mannitol fermentation	-
Api coryne	Maltose fermentation	+
Api coryne	Lactose fermentation	+
Api coryne	Sucrose fermentation	+
Api coryne	Glycogen fermentation	+

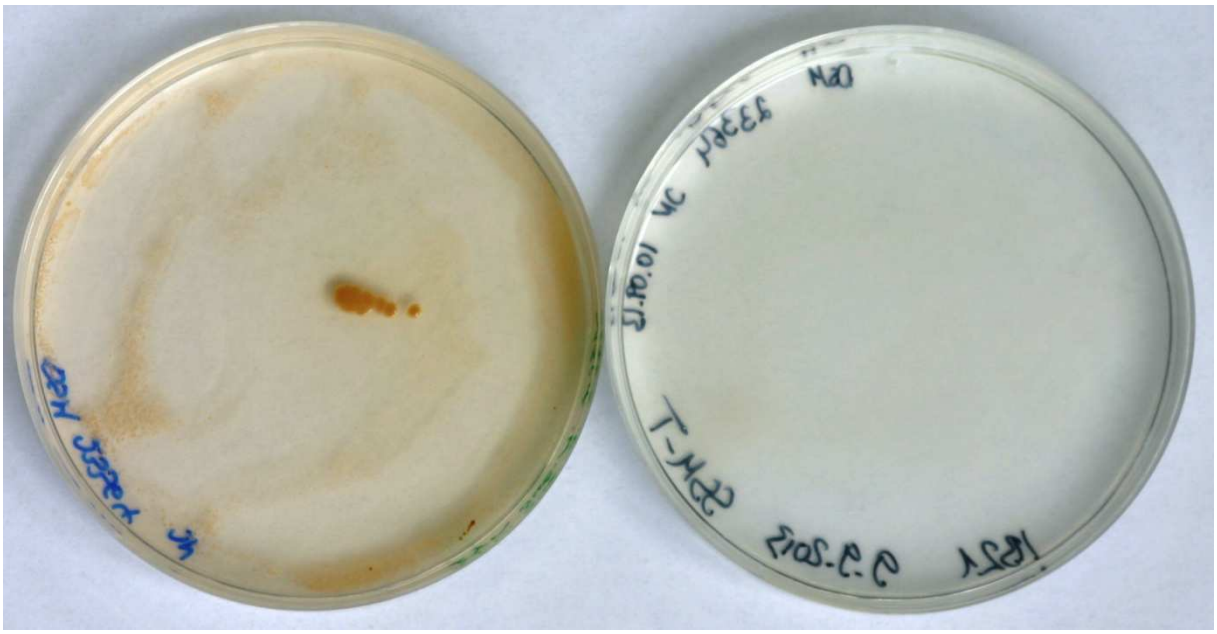
Apicoryne

Apizym

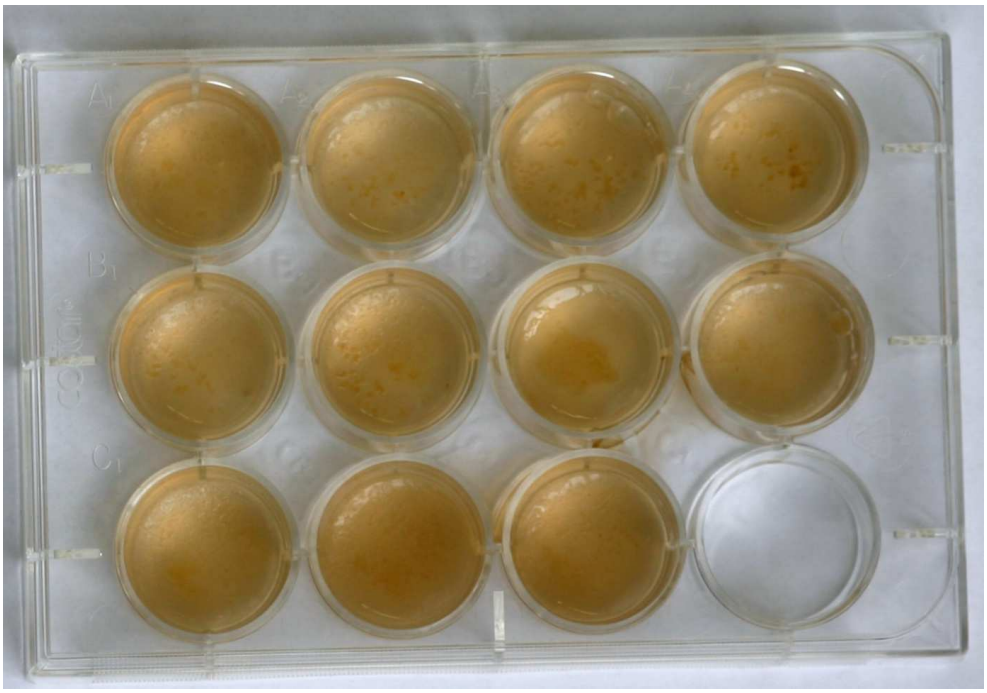
Plates (DSM 514, ISP2, ISP3, ISP4, ISP5, ISP7)



(SSM+T, SSM-T)



Carbon utilization test (from top left to bottom right: glucose, arabinose, sucrose, xylose, inositol, mannose, fructose, rhamnose, raffinose, cellulose)



Sodium chloride tolerance test (from top left to bottom right: 0%, 2,5%, 5%, 7,5%, 10%)