



Agharkar Research Institute, Pune, INDIA
MACS Collection of Microorganisms (MCM), WDCM 561

A Distinguished Repository of Anaerobes & Extremophiles

Culture Record Database

For MCM use only	
MCM No:	

1. Type of Deposit (General Deposit/ Safe Deposit)		
2. Type of Organism (Bacteria/ Archaea/ Fungi/ Methanogen/ any other)		
3. Place / Mode of storage (Please provide the exact location of the isolate)		
4. Taxonomic designation & strain no.		
5. Source of isolation (Please provide a brief description of the source)		
6. Morphological Characteristics:		
a. Colony morphology (Please mention the medium used on which the colony characteristics were observed):	Size:	
	Shape:	
	Color:	
	Margin:	
	Elevation:	
	Consistency:	
	Opacity:	
b. Gram staining observation: (Strike off whichever is not applicable)	Gram Nature:	
	Cell morphology: Cocci, Coccobacilli (single, pair, cluster, tetrad, in chain) Rods / Bacilli (short, long, curved, filamentous)	
c. Capsule		
d. Spore		
e. Flagella		
f. Motility		
7. Nutritional and physico-chemical conditions		
a. Growth medium (Please mention the exact composition in case of customized medium, else mention Manufacturer & Catalog No.)		
b. Any special growth requirement		
c. pH	Range	
	Optimum	

d. Temperature	Range	
	Optimum	
e. Salt concentration	Range	
	Optimum	
f. Aerobic/Anaerobic		
8. Gene sequence-based identification		
Gene Name		Accession No.
Closest phylogenetic affiliation with:		
		Score
		E value
		% similarity
i. Cultured		
ii. Uncultured		
ii. Type strain		
9. % G+C Content		10. Tm
11. Any peculiar property of biotechnological importance for which the culture was tested with screening result		
Screening Test	Result	Screening Test
12. Biochemical Profile		
Biochemical Test	Result	Biochemical Test

* Please attach any other biochemical tests-based identification report like API, VITEK, BIOLOG etc., with this form (if any).

(Mandatory) I am responsible for the purity of the culture and accuracy of identification of the deposit. All raw data files used in the identification have been deposited with MCM along with the strain.

Date:

Signature of the Depositor