

Table 1: Characterization of CMG1 isolated from the midgut of *Cx. quinquefasciatus*

Character	Observation	
Colony characteristics	Round, offwhite, smooth, elevated, 2.5-3mm in diameter	
Vegetative body	Rod shaped, Gram positive	
spore	present	
NaCl tolerance	10%	
pH tolerance	Upto 7.5	
Temperature tolerance	50°C	
Biochemical tests	Positive	Negative
	catalase, methyl red, nitrate, oxidase, urease and gelatin hydrolysis test	indole, Voges-Proskauer, Citrate, Starch hydrolysis and lipase test
Fermentation	Glucose, fructose, mannitol and sucrose	Lactose