

Table S1. Biochemical analysis of BC01

Component	Volume	DNA μg/ml	Protein μg/ml	Polysaccharide μg/ml	RNA
		UV	Lowry method	Anthrone measurement	0.8% gel electrophoresis
Complete cell lysate (200mg/ml)	12 ml	---	2233	940	---
Breakthrough peak	28.5 ml	---	98	656	---
30% Elution peak	17 ml	---	1164	147	YES
100% Elution peak	26 ml	135	47	74	NO
Ultrafiltration concentration DNA	4.8 ml	726	NO	NO	NO