

Table S1. Analyzed fermentation parameters of CDC in inoculated fermentations (10×10^6 Cell/mL) de agave a 48h de fermentación. of agave at 48 h of fermentation. Maximum specific growth rate (μ_{\max}), substrate consumption in percentage (S), ethanol concentration produced (P), yield ($Y_{P/S}$), y and productivity (Q_P).

Kinetics	Conditions		μ_{\max} (h^{-1})	S (%)	P (g/L)	$Y_{P/S}$	Q_P (g/Lh)
	Substrate (g/L)	YAN (g/L)					
1	90	0.168	0.21 ± 0.0321^A	91.18 ± 0.07^{AB}	41.45 ± 1.73^{BC}	0.49 ± 0.02^A	1.29 ± 0.02^D
2	120	0.084	0.12 ± 0.0068^{DEF}	90.98 ± 0.27^B	49.47 ± 1.52^{AB}	0.44 ± 0.01^B	1.25 ± 0.00^D
3	98.7	0.108	0.14 ± 0.0046^{BC}	90.67 ± 1.35^B	39.14 ± 5.80^C	0.44 ± 0.08^B	1.22 ± 0.00^{DE}
4	141.2	0.108	0.12 ± 0.0025^{DEF}	91.74 ± 0.00^{AB}	52.86 ± 0.13^A	0.42 ± 0.00^B	1.16 ± 0.03^E
5	120	0.168	0.13 ± 0.0031^{BCD}	91.80 ± 0.36^{AB}	53.15 ± 3.96^A	0.46 ± 0.03^{AB}	1.53 ± 0.02^A
6	150	0.168	0.10 ± 0.0038^F	92.9 ± 0.30^A	54.76 ± 1.12^A	0.40 ± 0.01^B	1.43 ± 0.04^{BC}
7	120	0.252	0.12 ± 0.0033^{CDE}	91.94 ± 0.02^{AB}	42.64 ± 1.25^{BC}	0.41 ± 0.01^B	1.54 ± 0.01^A
8	141.2	0.227	0.10 ± 0.0014^{EF}	92.68 ± 0.51^A	53.38 ± 0.76^A	0.41 ± 0.01^B	1.42 ± 0.00^C
9	120	0.168	0.12 ± 0.0019^{DE}	92.27 ± 0.20^{AB}	51.14 ± 1.76^A	0.47 ± 0.00^{AB}	1.52 ± 0.02^A
10	98.7	0.227	0.15 ± 0.0029^B	91.76 ± 0.47^{AB}	38.49 ± 0.97^C	0.43 ± 0.02^B	1.31 ± 0.04^D
11	120	0.168	0.13 ± 0.0031^{BCD}	91.88 ± 0.09^{AB}	47.53 ± 1.24^{AB}	0.45 ± 0.01^{AB}	1.52 ± 0.02^{AB}