

Supplementary data

Enhancement of Methane Production in Anaerobic Digestion of Food Waste using Thermal Pretreatment

Table S1. The results of T-test between the SCOD Value of 100°C for 90 min and the control

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Control	13377.7778	3	538.86025	311.11111
	100°C 90 min	14088.8889	3	1000.74047	577.77778

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Control and 100°C 90 min	3	.929	.242

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Control - 100°C 90 min	-711.11111	538.86025	311.11111	-2049.71419	627.49197	-2.286	2	.150

Table S2. The results of T-test between the cumulative methane yield of 80°C for 90 min and the control in the small bioreactor

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Control	11916.5000	2	2471.33820	1747.50000
	Thermal Pretreatment	12024.0000	2	1214.80945	859.00000

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Control and thermal pretreatment	2	1.000	.000

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	Control - thermal pretreatment	-107.50000	1256.52875	888.50000	-11396.96291	11181.96291	-.121	1	.923