

Supplementary Material

Impact of Storage Conditions on the Methanogenic Activity of Anaerobic Digestion Inocula

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Table SI. Impact of storage temperature and time on DSS specific methanogenic activity ($\text{gCOD}\cdot\text{gVS}^{-1}\cdot\text{d}^{-1}$). Results are expressed as average \pm 95% confidence interval ($n = 3$).

Storage time	Refrigerator (4 °C)	Room temperature (22 °C)	Incubator (37 °C)
7 d	0.132 ± 0.007	0.133 ± 0.005	0.083 ± 0.006
14 d	0.125 ± 0.005	0.119 ± 0.006	0.037 ± 0.005
21 d	0.117 ± 0.007	0.104 ± 0.006	0.014 ± 0.003

¹ The fresh inoculum (non-stored) had an SMA of $0.131 \pm 0.008 \text{ gCOD}\cdot\text{gVS}^{-1}\cdot\text{d}^{-1}$

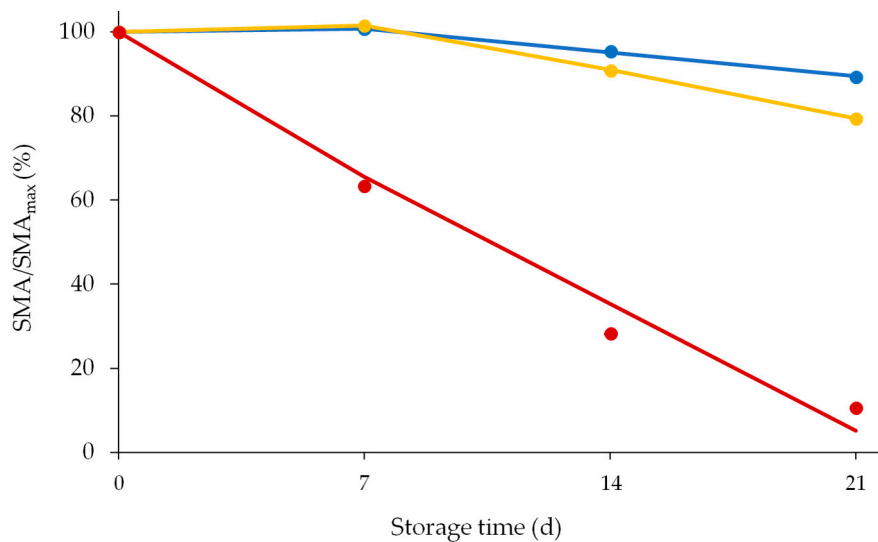


Figure SI. Experimental (dots) and regression model (solid line) representing the evolution of methanogenic activity at 4 °C (blue), 22 °C (yellow) and 37 °C (red).