

Table S1. Comparison of AGS Stability and Pollutant Removal Efficiency by C/N Ratio

Substrate	Influent C/N ratio	AGS diameter (mm)	Organic matter removal efficiency (%)	Reference
Acetate, glucose	4.0	0.8	-	[23]
Acetate, glucose	1.0	0.2	-	[23]
Acetic acid	7.5	3.0	79.0	[24]
Acetic acid	5.0	2.3	68.0	[24]
Sewage	1.0-6.0	0.2	89.5	[29]
Sewage	4.5	1.0-1.5	92.6	[30]
Acetate	5.5	1.5	>90.0	[31]
Glucose	5.5	1.2	>90.0	[31]
Ethanol	5.5	0.7	>90.0	[31]