

Table 1 Specific cell volumes at various steady states

Dilution rate (h^{-1})	Specific cell volume ($\mu\text{l mg}^{-1}$ DW)	Standard deviation (%)
90% Glucose/10% Fructose		
$D = 0.125$	2.9	13.6
$D = 0.25$	2.3	26.2
10% Glucose/90% Fructose		
$D = 0.125$	2.5	9.8
$D = 0.25$	1.7	9.0
100% Glucose		
$D = 0.125$	2.6	17.4
$D = 0.25$	1.9	15.3
$D = 0.4$	1.6	10.1
90% Glucose/10% Acetate		
$D = 0.25$	1.2	5.8
$D = 0.3$	0.8	7.5