

TABLE IV
Maximum velocity (nmol·min⁻¹·mg protein⁻¹) and Michaelis constant (mM) of glucose transport by cells grown in duplicate chemostats with various nutrient limitations at a dilution rate of 0.1 h⁻¹

Growth conditions	K_m1	C.I. ^a	V_{max1}	C.I.	K_m2	C.I.	V_{max2}	C.I.
Aerobic galactose-limited	1.75	1.70–1.80	518	510–525				
Ethanol-limited	2.50	2.20–2.70	229	209–243	199	64–533	200	145–388
Anaerobic nitrogen-limited	4.60	1.90–6.70	109	36–179	53	33–81	603	559–646
Aerobic fructose-limited (fructose) ^b	1.25	1.10–1.40	627	583–663	149	59–699	452	332–1040
Aerobic nitrogen-limited	3.20	0.30–4.40	486	26–667	31	7.40–275	410	276–818
Anaerobic glucose-limited	1.80	1.60–2.00	370	341–397	70	42–122	308	264–369
	0.90	0.81–0.93	461	450–471				

^a 90% confidence interval.

^b Transport of D-[U-¹⁴C]fructose.