

TABLE 1. Growth yield of *E. coli* B in anaerobic, continuous culture at 30°C growing in glucose-limited minimal medium with and without DTT^a

DTT (10 µg·ml ⁻¹)	<i>D</i> (h ⁻¹)	<i>X</i> (mg of dry wt·ml ⁻¹)	Residual glucose (mM)	Glucose metabolized ^b (mM)	<i>Y</i> ^c
Not added	0.059	0.191	ND ^d	5.74	33.3
	0.150	0.170	ND	5.87	29.0
	0.284	0.256	ND	5.32	48.1
	0.564	0.129	3.6	2.53	51.0
Added	0.125	0.294	ND	12.6	23.4
	0.148	0.306	ND	12.5	24.5
	0.235	0.324	ND	12.4	26.1
	0.420	0.159	7.5	5.94	26.8

^a Conditions for the determinations without DTT were a culture volume of 400 ml and glucose concentration in the reservoir of 6.9 mM; with DTT the volume was 340 ml and the glucose concentration was 14.5 mM.

^b Glucose metabolized = glucose concentration in medium reservoir minus residual glucose in effluent minus glucose equivalent of incorporated carbon (6.33×10^{-3} mol of glucose·g of cell dry weight⁻¹ [7]).

^c The apparent yield on glucose, milligrams of cell dry weight per millimole of glucose dissimilated.

^d ND, None detected.