

TABLE 1. CO-dependent product profiles of *C. thermoautotrophicum*^a

Expt	Initial gas phase			CO consumed (%)	Products formed			<i>t_d</i> (h) ^c
	CO	CO ₂	CO/CO ₂ ratio		Acetate	CO ₂	Biomass C ^b	
A ^d	676	23	29.2	664 (98)	113	291	42	33.1
	676	49	14.0	671 (99)	116	302	44	16.5
	676	131	5.2	674 (100)	108	297	48	7.6
	676	340	2.0	670 (99)	101	387	59	9.0
	676	617	1.1	669 (99)	119	359	49	10.1
B ^d	347	294	1.2	346 (100)	48	222	32	8.9
	710	294	2.4	708 (100)	102	405	70	9.8
	1,031	294	3.5	965 (94)	141	524	98	11.2
	1,728	294	5.9	865 (50)	132	394	67	12.0
C ^d	685	617	1.1	684 (100)	116	401	62	12.8
	1,090	617	1.8	1,067 (98)	163	625	106	10.1
	1,477	617	2.5	1,394 (94)	203	743	148	8.9
D ^e	1,475	1,024	1.4	1,337 (91)	222	705	187	7.0

^a Units are micromoles per culture tube; values represent averages of triplicate or duplicate cultures. Carbon recovery ranged from 84 to 102% and averaged 94%.

^b Assuming 50% carbon per unit of biomass; 1 mg of dry weight equals 41.6 μmol of biomass carbon.

^c Doubling time.

^d Cultivation medium was DM.

^e Cultivation medium was UM.