

TABLE 5. *Effects of acetaldehyde and acetic acid on the fatty acid composition of E. coli*<sup>a</sup>

Additive	Concn (% vol/vol)	Fatty acid							
		12:0	14:0	16:0	16:1	Δ17	18:0	18:1	Δ19
Acetaldehyde	0	4.7	3.1	24.7	33.7	1.3		32.5	
Acetaldehyde	0.025	4.1	4.0	29.1	30.7	1.4		30.7	
Acetaldehyde	0.050	7.0	6.0	28.6	23.7	3.6	1.6	24.9	4.6
Acetaldehyde	0.100	8.3	6.6	29.0	18.2	5.9	2.9	20.9	8.2
Acetate	0	2.8	3.3	26.0	37.4			30.5	
Acetate	0.8	3.8	2.8	26.2	31.0	0.4		35.8	
Acetate	1.6	4.4	2.6	26.4	28.6	1.2		36.8	
Acetate	2.4	6.5	3.7	25.3	27.2	2.6	1.2	32.4	1.1

<sup>a</sup> Expressed as percentage of total fatty acids.