

TABLE II
Measured parameters

The following were measured utilizing the techniques outlined in Column 2. These measurements are described in detail under "Experimental Procedures." The observed rates are given in Column 3.

Parameter	Outline of experimental procedure	Observed rates
		<i>mmol/min/liter cell water</i>
V_{Sapon}	Rate of radioactive acetate incorporation into saponified, chloroform-soluble constituents (expressed in acetate units).	3.1
V_{CE}	Rate of appearance of radioactive citrate in the medium in cells ingesting radioactive acetate.	0.3
V_{CC}	Total rate of radioactive acetate incorporation into cellular constituents determined by counting of filtered washed cells (expressed in acetate units).	68
V_{CO_2}	Rate of $^{14}\text{CO}_2$ production from radioactive acetate.	150
V_{Eff}	Rate of radioactive metabolite efflux (other than acetate) into the medium (expressed in acetate units).	2.5
$V_{\text{IDH}/V_{\text{L}}}$	Ratio of rates through isocitrate dehydrogenase <i>vs.</i> isocitrate lyase determined from NMR and the $^{14}\text{CO}_2$ results.	2.6 (ratio)