Table II. Yield coefficients for the anaerobic growth of *E. coli* on glucose.

		$Y_{j/K}$		
j	k	Observed values	Model consensus	Units
Protein[a]	dry mass	0.65 ±0.06	0.6	g BSA equivalents/g dry mass
Protein	cell sulfur[b]	3.7 ±0.2	3.3	g BSA equivalents/mmol S
Protein	TCA-insoluble S[c]	4.0 ±0.1	3.7	g BSA equivalents/mmol S
H^+	glucose	2.5 ±0.1	2.4	mol H/mol G
Cell sulfur	glucose	4.1 ±0.4	4.2	mmol S/mol G
Cell sulfur	H^+	1.6 ±0.1	1.7	mmol S/mol H
TCA-insoluble S	cell sulfur	0.9 ±0.1	0.9	mol S/mol S
Ba^{2+}-soluble S[d]	TCA-insoluble S	0.16 ±0.02	0.2	mol S/mol S

[a]Cell protein from Lowry assay, given in terms of the amount of BSA giving an equivalent response.

[b]Total cell sulfur, based on ^{35}S disappearance from culture supernatant.

[c]Macromolecular sulfur, based on ^{35}S precipitated by 5% TCA.

[d]Supernatant ^{35}S that is soluble in 0.1*M* $BaCl_2$, measured at the end of the exponential phase of growth.

Note: The values observed in a typical set of experiments are given together with estimated 95% confidence intervals. The values listed under "Model" are a self-consistent set of values, based on several such experiments, used in calculations for predicting rates in immobilized cell reactors.