

Tab. 1 Composition of *Escherichia coli*, a typical gram-negative, rod-shaped bacterium.

<i>Cell component</i>	<i>Molecules per cell</i>	<i>Percent dry weight</i>
<i>Cytoplasm</i>		
Protein	2,350,000	55.0
RNA	255,480	20.5
Polyamines	6,700,000	1.1
Glycogen	4,300	3.5
Metabolites, ions, cofactors		2.5
<i>Surface</i>		
Peptidoglycan	1	2.5
Lipid	22,000,000	9.1
Lipopolysaccharide	1,430,000	2.4
<i>Genome</i>		
DNA	2.1	3.1