

TABLE 1-2 Molecular Components of an *E. coli* Cell

	<i>Percentage of total weight of cell</i>	<i>Approximate number of different molecular species</i>
Water	70	1
Proteins	15	3,000
Nucleic acids		
DNA	1	1
RNA	6	>3,000
Polysaccharides	3	5
Lipids	2	20
Monomeric subunits and intermediates	2	500
Inorganic ions	1	20