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BIOMOLECULES	BACTERIAL	MAMMAL
Water (most abundant biomolecule)	70%	70%
Protein (most abundant Organic)	15%	18%
Carbohydrates	3%	4%
Lipid	2%	3%
DNA } Nucleic Acid	1% } 7%	0.25% } 1.35%
RNA }	6% }	1.1% }
Organic (other)	2%	2%
Inorganic	1%	1%
	100%	100%

→ Proteins (Dry weight 50%)

Mammalian Cell Dry weight = $100 - 70\% = 30\%$

$$\text{Protein (Dry weight)} = \frac{6.18}{30} \times 100 = \underline{\underline{60\%}}$$

Bacterial cell

$$\text{Protein (Dry weight)} = \frac{5.18}{30} \times 100 = \underline{\underline{50\%}}$$

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