

From molecules to cells – Levels of organization

EARTH' S CRUST			HUMAN TISSUES	
RANK	ELEMENT	%	ELEMENT	%
1st	Oxygen	62.5000	Hydrogen	60.300
2nd	Silicon	21.2000	Oxygen	25.500
3rd	Aluminium	6.4700	Carbon	10.500
4th	Sodium	2.6400	Nitrogen	2.450
5th	Calcium	1.9400	Sodium	0.730
6th	Iron	1.9200	Calcium	0.266
7th	Magnesium	1.8400	Phosphorus	0.134
8th	Phosphorus	1.4200	Sulphur	0.132
9th	Carbon	0.0800	Potassium	0.036
10th	Nitrogen	0.0001	Chlorine	0.032

Unlike mineral material, living material is mainly made of hydrogen, oxygen, carbon and nitrogen. These elements can be found in the building blocks of life.

