

Organic Chemistry introduction

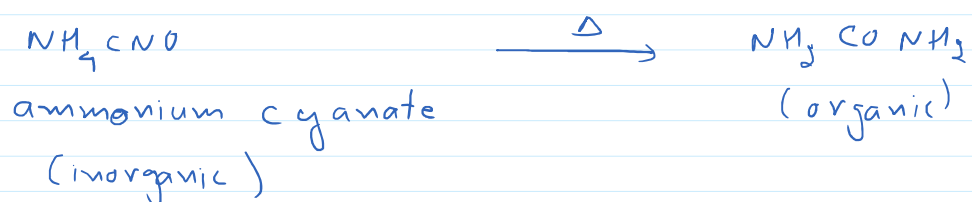
It was believed that compounds are of two types:

- i) Found from earth's crust \rightarrow inorganic
- ii) Derived from waste of living organisms \rightarrow organic

Vital force theory (Berzilius)

Organic compounds can be derived from living organisms only as driving force required to produce organic compounds is present in living organisms only. These compounds cannot be synthesised in laboratory starting from any inorganic compound.

Wohler



Hence vital force theory got collapsed. Organic compounds were named so as they could only be derived from living organisms, but now this was not the case. Then they said let's call them carbon compounds, as these have carbon in them. But many inorganic compounds also have carbon in them eg: CO_2 , Na_2CO_3 , NaHCO_3 .

Definition of organic compounds:

Hydrocarbons (compounds of carbon and hydrogen) and their derivatives are called organic compounds.