

Sources of Organic Compounds

There are organic molecules everywhere. Organic molecules are abundant in both plants and animals. Due to the significance of organic chemicals in contemporary society, these are also synthesized on a massive scale in laboratories. The four main sources of organic compounds are as follows.

- Animals and plants
- Natural gas
- coal
- petroleum

Let's go over each of the primary sources in depth one at a time.

1. Animals and Plants:

Directly accessible plants and animals are another good source of the chemical molecule. Additionally, organic synthesis aids in the creation of novel substances. The primary natural suppliers of organic chemicals are plants and animals.

2. Coal:

Black deposits of coal are present in the crust of the Earth. Vegetable matter remnants are contained in these deposits. The Earth's surface was covered with this veggie millions of years ago.

Due to extreme pressure and temperature over 500 million years ago, plant matter turned into coal reserves. This resulted from moisture loss and gas removal, specifically oxygen and hydrogen.

What components are found in coal?

Coal also includes trace levels of sulphur and nitrogen in addition to carbon. There is also a little amount of water and mineral contaminants. Wood became peat as a result of bacterial and chemical action on it.

Coal is divided into four groups based on the carbon content.