

Distinguish, differentiate, compare and explain what is the Difference between Adsorption and Absorption. Comparison and Differences.

Difference between Adsorption and Absorption

1. Adsorption has higher concentration of particles of gas or liquid on the surface than in the bulk of the solid. In absorption, particles of liquid or gas get uniformly distributed throughout the body of the solid.
2. Concentration on the surface of the adsorbent is different from that in the bulk. Hence, it is a surface phenomenon. In Absorption, concentration is same throughout the material. Hence it is a bulk phenomenon.
3. Adsorption is rapid in the beginning and its rate slowly decreases. Absorption occurs at uniform rate.

Steady Run