















When hydrolysis is compared with acid and base catalysis, most significant difference can be summarized as follows:

\* While water, which is a weak nucleophile in asid-catalyzed hydrolysis, is added to carbonyl group (C=0°H) increasing electrophilic charge by taking proton; OH; which is a strong nucleophile in base-catalyzed hydrolysis, is added to the weak electrophilic C=O bond.

\* Carboxylic acid salt and alcohol are formed by base-catalyzed hydrolysis.









































