

# **Forced Degradation**

**How do we do Forced  
degradation and  
What are the  
conditions of Forced  
degradation?**

# **Forced Degradation**

**Forced degradation is done by exposing the drug or medication to extreme physical and chemical conditions.**

# **Forced Degradation**

**Firstly, the required amount of drug is measured and exposed for mentioned period of time with degradation conditions.**

**The degradation conditions include Physical and chemical degradation.**

**After exposure for the mentioned period of time in the degradation conditions, the drug is analysed for any degradation impurities, thereby confirming it's susceptibility to the degradation conditions and analysing it's specificity.**

## **Forced Degradation**

**Briefing, The exposed drug or medication under degradation conditions, may produce degradants. The produced degradants should not show any interference with the Main compound and it's known impurities.**

# **Forced Degradation**

**As we discussed earlier,  
the Forced Degradation  
is done by Physical  
Degradation conditions  
and as well as Chemical  
degradation conditions .**

**The conditions are**

# **Forced Degradation**

**Physical Degradation  
conditions**

**Thermal Degradation**

**Photolytic Degradation**

**Humidity Degradation**

# **Forced Degradation**

## **Chemical Degradation conditions**

**Acid Degradation**

**Base Degradation**

**Peroxide Degradation  
(Oxidation)**

**&**

**Hydrolysis**