

Activity - 18

**Topic:** Classify the sweetening agents with suitable example, write the concentration/uses and paste the picture of some sweetening agents

**Sweetening agents:**

.....  
.....

**Classification of sweetening agents used in Pharmaceutical Preparations:** Generally, sweetening agents can be classified into two main categories:

**A. Based on origin:**

**1. Plant - derived Sweetening agents:** e.g.

- ❖
- ❖
- ❖
- ❖

**2. Artificial Sweetening agents:** e.g.

- ❖
- ❖
- ❖
- ❖

**B. Based on Nutritive Value:**

**1. Nutritive or caloric Sweetening agents:** e.g.

- ❖
- ❖
- ❖
- ❖

**2. Nonnutritive or low-calorie Sweetening agents:** e.g.

- ❖
- ❖
- ❖
- ❖

**List of Sweetening agents for Pharmaceutical Preparations**

<b>S. No.</b>	<b>Name of Sweetener</b>	<b>Used Concentration (%) / Power/ Uses</b>
1.	Alitame	
2.	Aspartame	
3.	Dextrose	
4.	Lactitol	
5.	Mannitol	
6.	Neotame	
7.	Saccharin	
8.	Sucralose	
9.	Sucrose	
10.	Xylitol	

**Structure of some Sweetener:**

1. Glucose

2. Fructose

3. Saccharin

4. Alitame

## 5. Aspartame

Availability of some Sweetener in market:

**Glucose Market Preparation**

**Picture**

**Saccharin Market Preparation**

**Picture**

