

## **Abstract:**

Phytochemical studies of *Cucumis var Agrestis* shows that fruit and leaves of this plant have abundant amount of flavonoids, phenolic acids, tannins, sponins, stilbenes, alkaloids, proteins, carbohydrates, glycosides, lignin and triterpenoids. These secondary metabolites are involved in anti-oxidant, anti-cancer, anti-ulcer, hepato-protective, anti-diabetic, anti-inflammatory and anti-fertility activities. These are also responsible for free radical scavenging activity and treatment of cardiovascular diseases. Fruits and leaves of *Cucumis var Agrestis* are used as green medicine, which is beneficial for both environment and human beings.