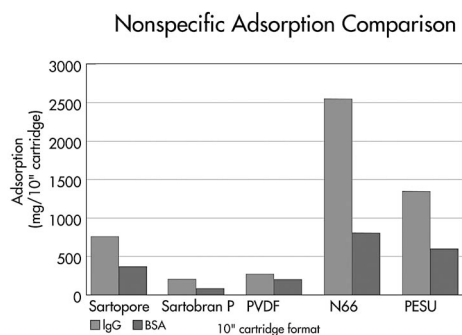


Adsorption Testing



Test Specifications:

Filter Adsorption tests are performed by passing the Pharmaceutical Formulation through the filter and determining the concentration of a particular component in the filtrate. Testing is based on custom protocols.

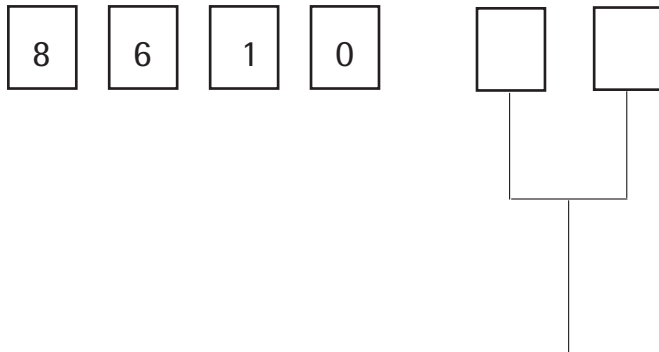
Description

During the filtration process, it is possible that preservatives or proteins may bind or are adsorbed onto the surface of the filter membrane. The removal of some or all of the preservative from the product formulation may at best result in the spoilage of the product if it becomes contaminated with micro-organisms and at worst pose a serious health hazard to the consumer.

The binding of proteins to filter membranes may adversely affect the product efficacy. Several factors influence the process of binding including temperature and pH.

Sartorius offers adsorption studies using appropriately sensitive analytical test methods.

Ordering Guide



Test Description

90 = Filter adsorption studies: Determination of adsorption on filter media by passing formulation through filter and measuring concentration in the filtrate at several filtration volumes.

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