

Flowsheet A

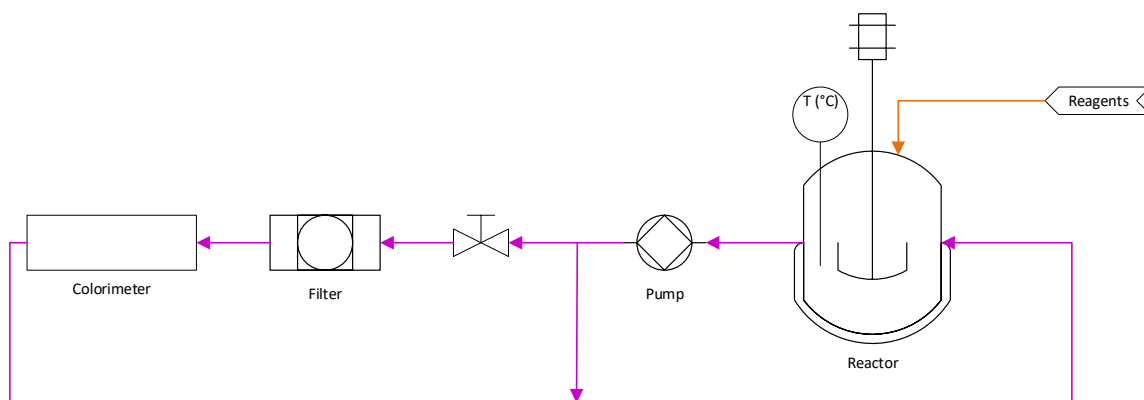
The circulating fluid passes through the peristaltic pump, stopcock, filter and colorimeter, returning then to the reactor.

Keypoints to determine:

Kind of filter

Pump Flow

Thermal isolation



Flowsheet A

Flowsheet B

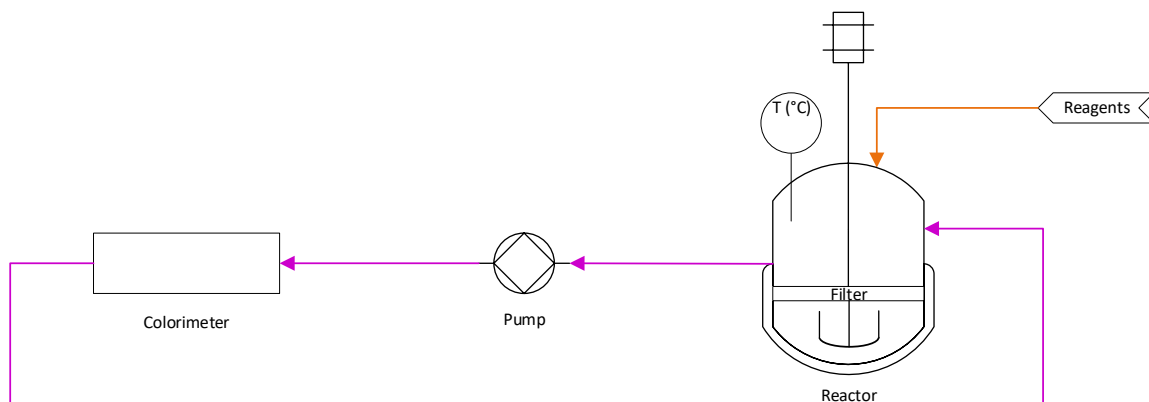
This system contains the filter inside the reactor, so the fluid filters inside it, passing then through the peristaltic pump to the colorimeter.

Keypoints to determine:

Kind of filter and structure

Pump flow

Thermal isolation



Flowsheet B

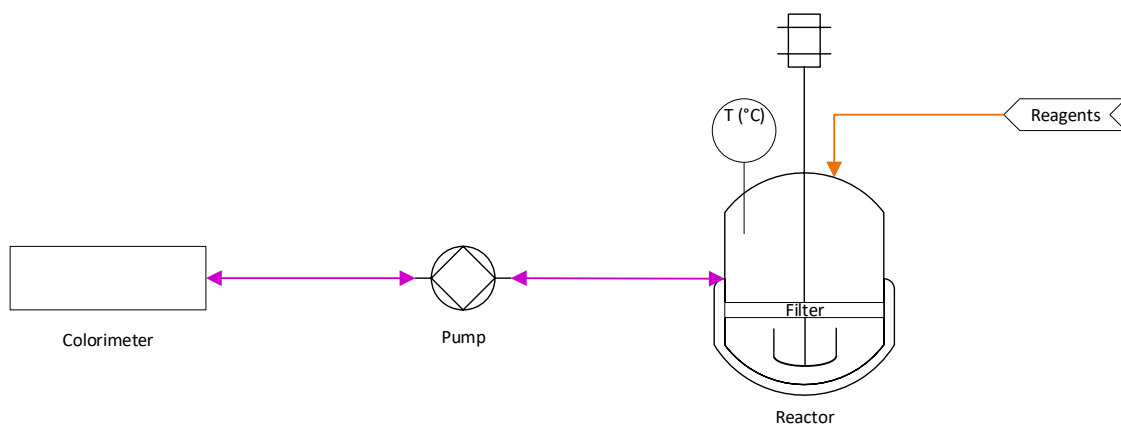
Flowsheet C

The filter is placed inside the reactor and it is provided with an automatic cleaning system. The fluid circulates first from the reactor to the colorimeter and then returns when the pump is set to reverse.

Keypoints to determine:

Kind of filter and structure

System of cleaning of the filter



Flowsheet C