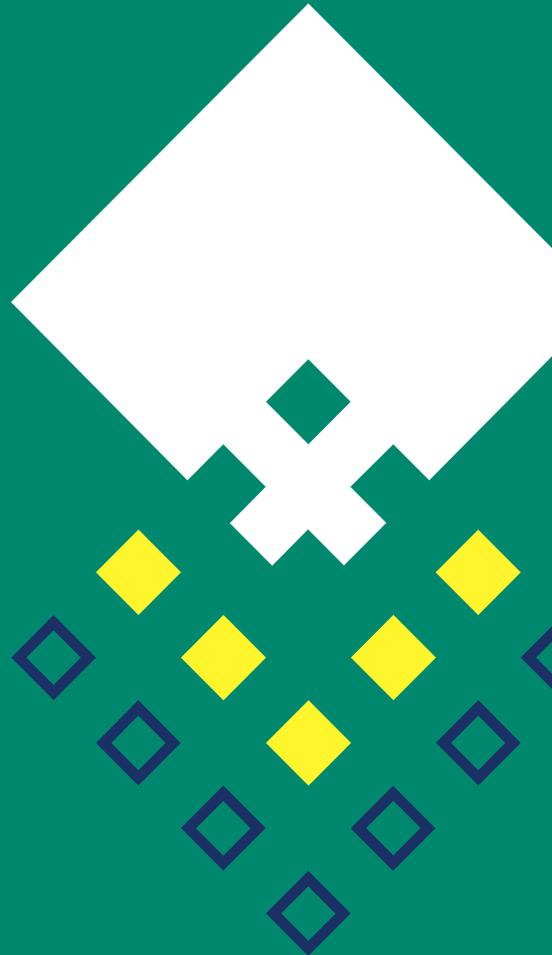


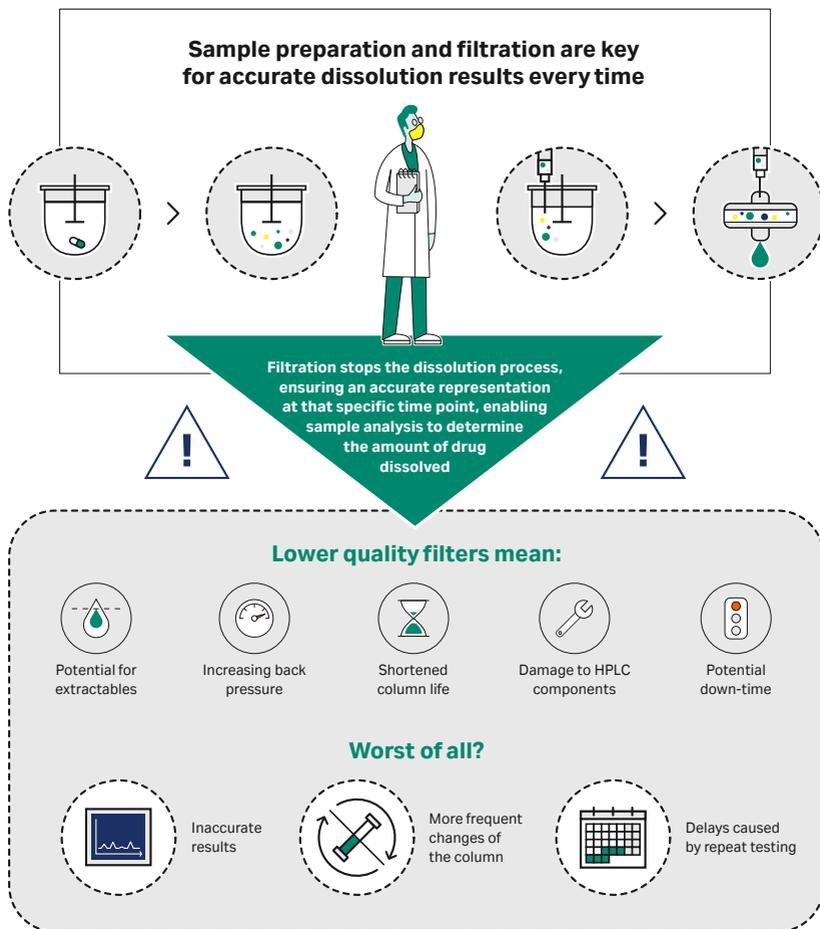


Good filtration is an art form

Discover the finer ways
to filter in this guide



Why your choice of dissolution filter is really important



[Learn more](#)

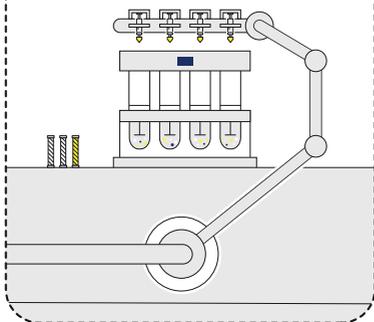
Discover high-quality Whatman™ dissolution filters from Cytiva.



Support for all your dissolution testing needs

Automation

Dissolution testing requires multiple stages of sampling; automation can improve efficiency by removing the need to continuously perform manual tasks. Our range of automation-compatible filter solutions include Whatman™ Roby syringe filters and Whatman™ 850-DS 8-channel filter plates.



Manual

Performing manual dissolution testing offers a broad variety of filtration solutions available to help you develop and optimize your method. Such as Whatman GD/X™ syringe filters (specifically optimized for high particulates) and Whatman Paradise™ H-PTFE.



Use Whatman™ filters for your method



High compatibility

Cytiva offers a broad range of filter media which allows optimal selection for your analysis.



Excellent drug recovery

Broad filter offerings help to ensure optimal filter choice for your sample to minimize binding while enabling high levels of API recovery.



Low level of extractables

Cytiva offers a broad range of membrane options to limit the chances of impurities contaminating your solution.

[Learn more](#)

Discover high-quality Whatman™ dissolution filters from Cytiva.

The beauty of dissolution testing with Whatman™ filters

When you choose Whatman™ filters you can expect:



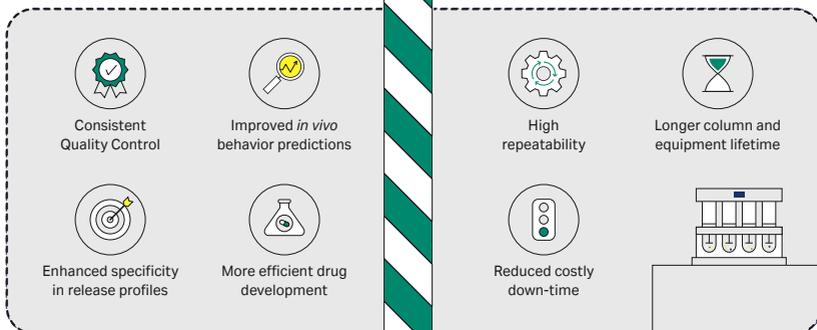
Reliable results

Choosing the correct membrane filter helps to ensure reliable results and accurate instrument performance – so you can achieve:



Protected assets

Your dissolution and analytical equipment is vital and valuable. Any down time caused by blockages or damaged columns can impact results and costs. Investing in high-quality filters means:



Accurate and reliable – whether you're running automated or manual dissolution tests

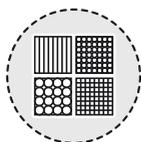
[Learn more](#)

Discover high-quality Whatman™ dissolution filters from Cytiva.



How to select the right filter for dissolution testing

Consider the following:



Pore size and efficiency

Select the appropriate pore size to optimize sample preparation and reduce particulates interfering with the analysis.



Adsorption

Dissolved API material should not be adsorbed into the filter when clarifying as this leads to errors in quantitation. Regenerated cellulose membranes have minimal adsorption.



Chemical compatibility

pH, ionic strength, and surfactant should be validated against your filter media. Consider choosing a membrane with broad chemical compatibility, such as regenerated cellulose, Hydrophilic PTFE and PVDF.



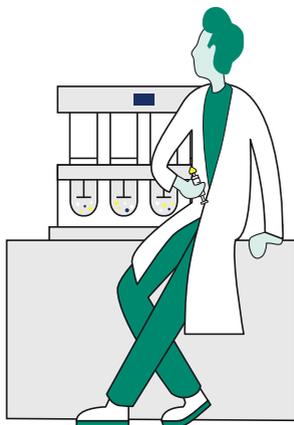
Excipient load

To avoid samples with high excipient loads prematurely blocking the filter, use a device with high loading capacity such as Whatman GD/X™ syringe filters for manual or Whatman™ Roby syringe filters with prefilter for automated testing.



Extractables

Interference with detection of analytes becomes an issue if adsorbed at the same wavelength as the API. Use filter materials with low levels of extractables such as regenerated cellulose.



[Learn more](#)

Discover high-quality Whatman™ dissolution filters from Cytiva.





Good filtration is an art form. It's what we specialize in.

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate. Whatman is a trademark of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva.

© 2022 Cytiva

Contact your local Cytiva representative for the most current information.
For local office contact information, visit [cytiva.com/contact](https://www.cytiva.com/contact)

[cytiva.com](https://www.cytiva.com)

CY26232-17MAR22-IG