**Specification**

**Product:** CHROMAFIL® Xtra Polyester (PET)  
**REF:** 729221

Filters are HPLC certified for low level UV-absorbing substances for gaining accurate chromatographic results

**Housing material:** Polypropylene (PP)  
**Labeling:** membrane type imprinted on filter top

**Membrane filter material:** Polyester  
**Pore diameter:** 0.20 µm  
**Filter diameter:** 25 mm  
**Filtration area:** ~ 4.9 cm²  
**Pressure stability:** > 12 bar  
**Connections inlet:** Female luer lock  
**Connections outlet:** Male luer  
**Dead volume:** ~ 80 µL

**HPLC-test**

**Conditions:** Two mL of the solvent (specified on top of the chromatograms) were applied to the filter; 100 µL of the filtrate were injected to the HPLC.

**Eluent A:** water  
**Eluent B:** acetonitrile  
**Gradient:** 10% □ 95% B in 25 minutes  
**Flow rate:** 0.5 mL/min  
**Sensitivity:** -5 to 10 mAU at 254 nm  
**Column:** 125/4 NUCLEODUR® C18 Gravity 5 µm (REF: 760100.40)
**MACHEREY-NAGEL**

**Specification**

**Acetonitrile:**

*Eluate:*

*Blanc:*

**Methanol:**

*Eluate:*

*Blanc:*

**Water:**

*Eluate:*

*Blanc:*