Product: CHROMAFIL® Xtra Polyester (PET)
REF: 729220

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: 0.45 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)
Specification

Acetonitrile:
Eluate:

Blanc:

Methanol:
Eluate:

Blanc:

Water:
Eluate:

Blanc: