Specification

Product: CHROMAFIL® Polyester (PET)
REF: 729022
Filters are HPLC certified for low level UV-absorbing substances for gaining accurate chromatographic results

Housing material: Polypropylene (PP)
Colour code: top: yellow
bottom: orange

Membrane filter material: Polyester
Pore diameter: 0.20 µm
Filter diameter: 15 mm
Filtration area: ~ 1.6 cm²
Pressure stability: > 12 bar
Connections inlet: Female luer lock
Connections outlet: Minispike
Dead volume: ~ 35 µL

HPLC-test

Conditions: Two mL of the solvent (specified under 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)
Methanol filtrate

Water filtrate

Acetonitrile filtrate