

Specification

Filtration · Rapid Tests · Water Analysis · Chromatography · Bioanalysis
Filtration · Schnellteste · Wasseranalytik · Chromatographie · Bioanalytik

Product:	CHROMAFIL® Polyester (PET)
REF:	729020
	Filters are HPLC certified for low level UV-absorbing substances for gaining accurate chromatographic results
Housing material:	Polypropylene (PP)
Colour code:	top: colourless bottom: orange
Membrane filter material:	Polyester
Pore diameter:	0.45 µm
Filter diameter:	25 mm
Filtration area:	~ 4.9 cm ²
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 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)



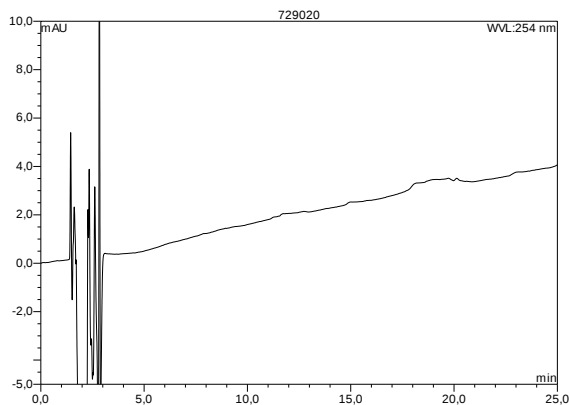
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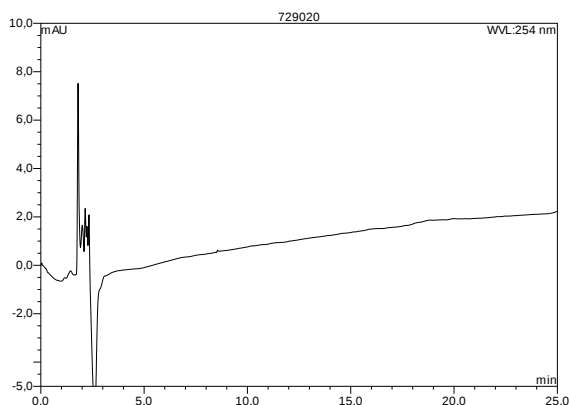
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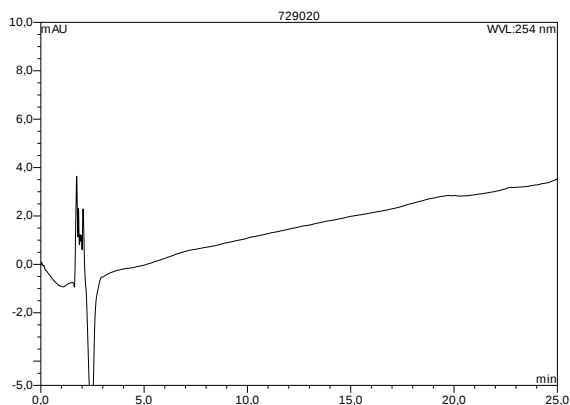
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Methanol filtrate



Water filtrate



Acetonitrile filtrate



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