

# Specification

Product:	Chromafil® Polytetrafluoroethylene (PTFE)
Cat. No.:	729005
Filters are HPLC certified for low level UV-absorbing substances for gaining accurate chromatographic results	
Housing material:	Polypropylene (PP)
Membran filter material:	Polytetrafluoroethylene
Pore diameter:	0.45 µm
Filter diameter:	25 mm
Filtration area:	~ 4.9 cm <sup>2</sup>
Connections inlet:	Female luer
Connections outlet:	Male luer
Dead volume:	~120 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 5µm (Cat. No. 760100.40)

[www.mn-net.com](http://www.mn-net.com)



**MACHEREY-NAGEL GmbH & Co. KG** · Neumann-Neander-Str. 6-8 · D-52355 Düren · Germany

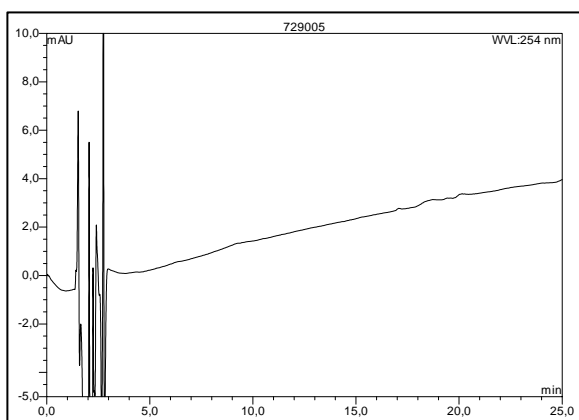
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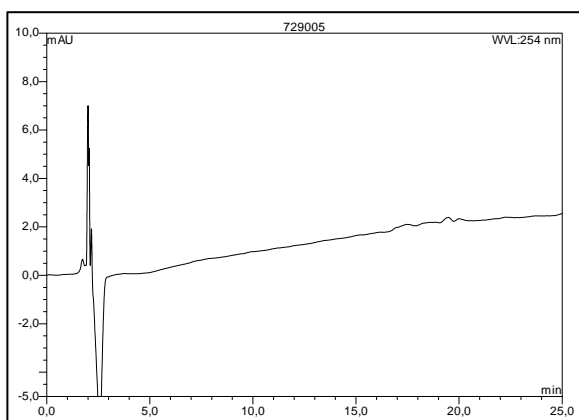
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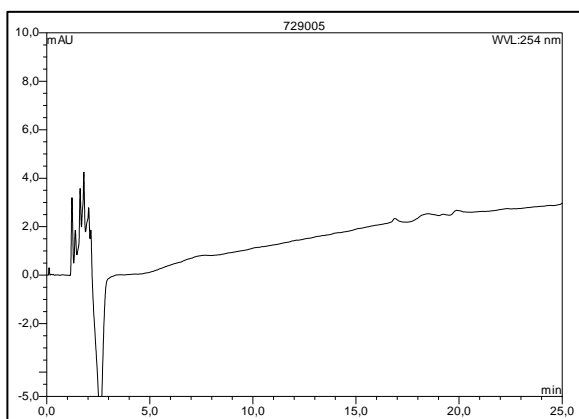
# Specification



Methanol filtrate



Acetonitrile-Water (1:1) filtrate



Acetonitrile filtrate

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