

Specification

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

Product: CHROMAFIL® Polytetrafluoroethylene (PTFE)
REF: 729008
Filters are HPLC certified for low level UV-absorbing substances for gaining accurate chromatographic results
Housing material: Polypropylene (PP)
Colour code: top: yellow
bottom: colourless
Membran filter material: Polytetrafluoroethylene
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)



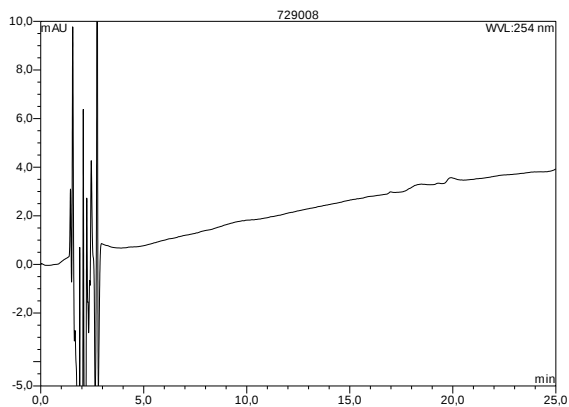
MACHEREY-NAGEL GmbH & Co. KG · Neumann-Neander-Str. 6-8 · D-52355 Düren · Germany
Germany and international:
Tel.: +49 (0) 24 21 96 90
Fax: +49 (0) 24 21 96 91 99
e-mail: sales-de@mn-net.com
Switzerland:
MACHEREY-NAGEL AG
Tel.: +41 (0) 62 388 55 00
Fax: +41 (0) 62 388 55 05
e-mail: sales-ch@mn-net.com

France:
MACHEREY-NAGEL EURL
Tel.: +33 (0) 3 88 68 22 68
Fax: +33 (0) 3 88 51 76 88
e-mail: sales-fr@mn-net.com

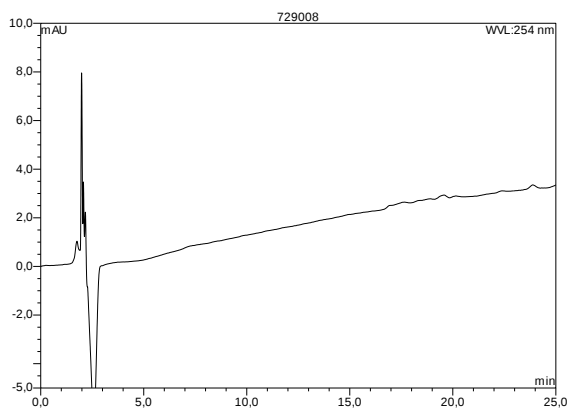
USA:
MACHEREY-NAGEL Inc.
Tel.: +1 484 821 09 84
Fax: +1 484 821 12 72
e-mail: sales-us@mn-net.com

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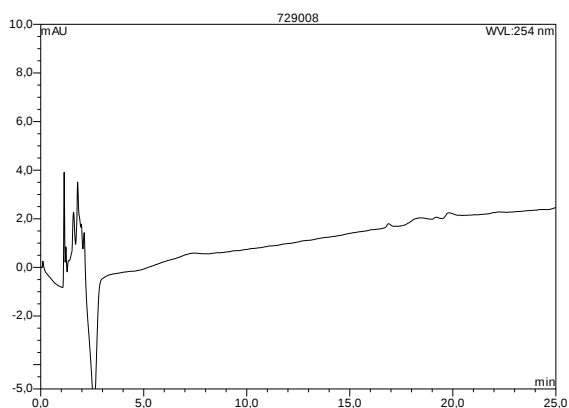
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Methanol filtrate



Acetonitrile-Water (1:1) filtrate



Acetonitrile filtrate



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Germany and international:
 Tel.: +49 (0) 24 21 96 90
 Fax: +49 (0) 24 21 96 91 99
 e-mail: sales-de@mn-net.com
Switzerland:
MACHEREY-NAGEL AG
 Tel.: +41 (0) 62 388 55 00
 Fax: +41 (0) 62 388 55 05
 e-mail: sales-ch@mn-net.com
France:
MACHEREY-NAGEL EUROL
 Tel.: +33 (0) 3 88 68 22 68
 Fax: +33 (0) 3 88 51 76 88
 e-mail: sales-fr@mn-net.com

USA:
MACHEREY-NAGEL Inc.
 Tel.: +1 484 821 09 84
 Fax: +1 484 821 12 72
 e-mail: sales-us@mn-net.com