

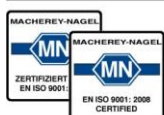
Specification

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

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 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 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)



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

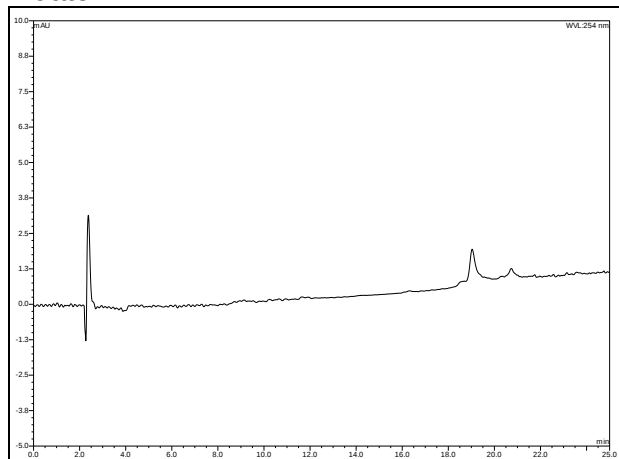
USA:
MACHEREY-NAGEL Inc.
Tel.: +1 484 821 09 84
Fax: +1 484 821 12 72
e-mail: sales-us@mn-net.com

Specification

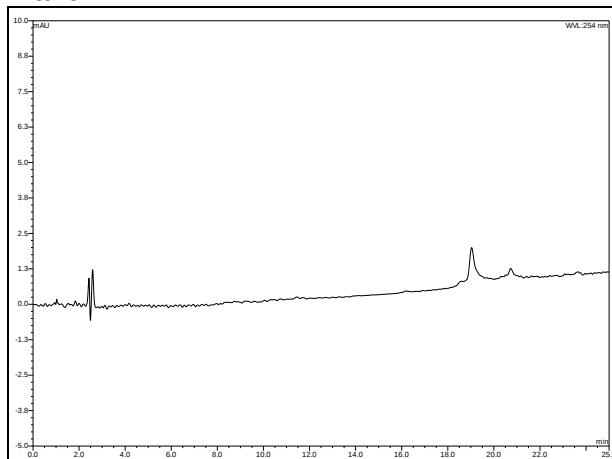
Filtration · Rapid Tests · Water Analysis · Chromatography · Bioanalysis
Filtration · Schnellteste · Wasseranalytik · Chromatographie · Bioanalytik

Acetonitrile:

Eluate:

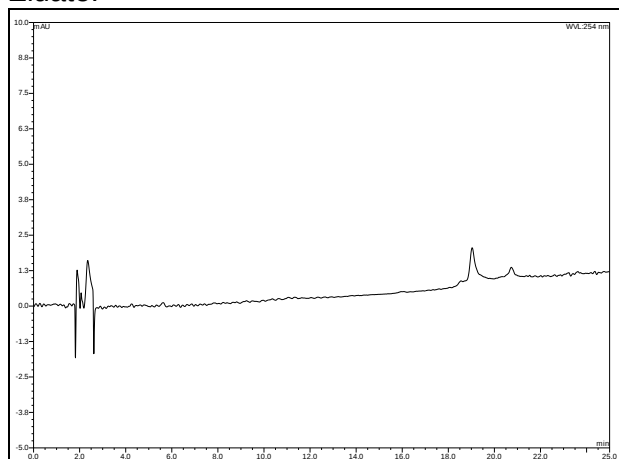


Blanc:

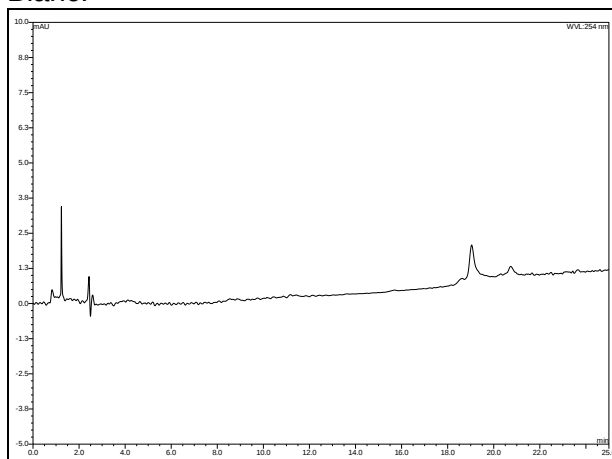


Methanol:

Eluate:

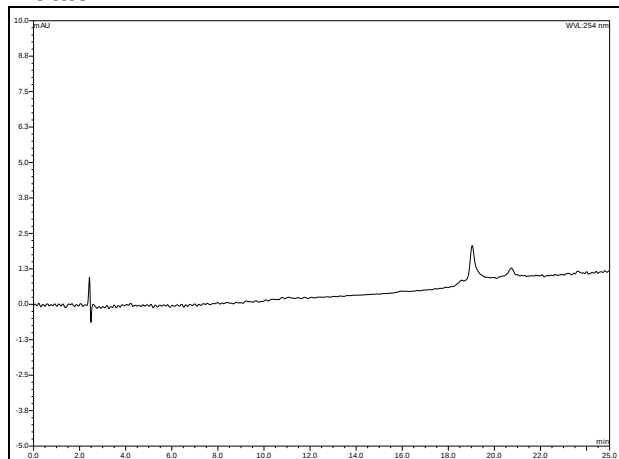


Blanc:

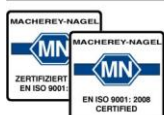
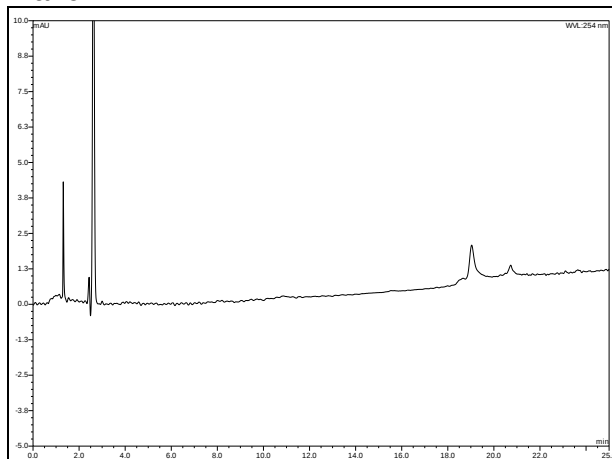


Water:

Eluate:



Blanc:



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