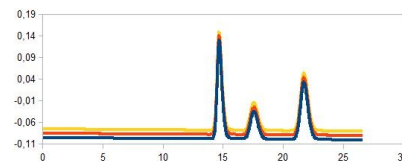


GPC / SEC / HPLC Columns

Made by AppliChrom GmbH



AppliChrom DMAc-Phil-P



AppliChrom DMAc-Phil-P

AppliChrom GPC columns for GPC analyzes organic (DMAc, DMF and NMP)

Spherical porous polymeric GPC chromatography phases

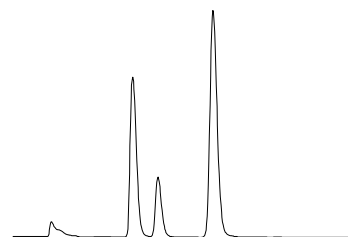
- wide range of pore and particle sizes
- optimal for 0.5ml / min flow rate with 8mm ID columns (40-50°C)
- Pressure stability 50-150bar, depending on the porosity
- high resolution due to high pore volume
- long service life
- high reproducibility
- high purity of the GPC column for good interaction-free GPC
- Please avoid: drying out
- Molar mass range: 100-1,000,000Da
- Examples: PMMA, PAN, cellulose, DMF and DMAc soluble polymers

AppliChrom DMAc-Phil-P molar mass range:

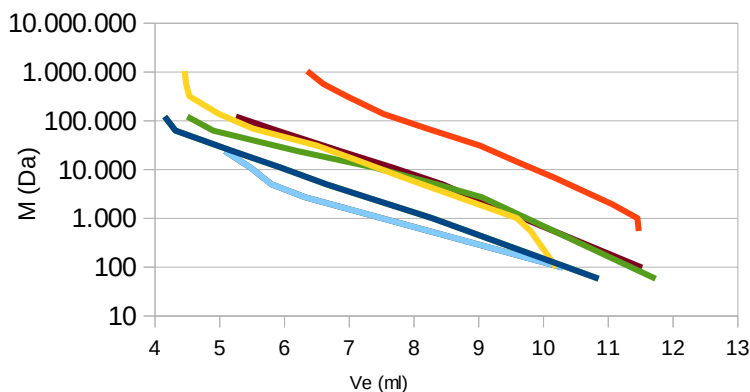
P-100	100-2 500Da
P-200	100-20 000Da
P-250	100-70 000Da
P-250JLD*)	100-100 000Da
P-300	1 000-300 000Da
P-350	1 500-1 000 000Da

*) JLD Pore: extended linear range

To cover a very wide range of molecular sizes, GPC columns of appropriate porosity can be combined.



GPC Calibration Curves AppliChrom DMAc-Phil



Long linear calibration range

Analyte:

PMMA Standards

Column:

AppliChrom DMAcPhil-P-100
AppliChrom DMAcPhil-P-200
AppliChrom DMAcPhil-P-250
AppliChrom DMAcPhil-P-250-JLD
AppliChrom DMAcPhil-P-300
AppliChrom DMAcPhil-P-350

Dimension:

e.a. 300mm x 8mm

Mobil Phase:

H₂O

Flow:

0,5ml/min

Temperature:

45°C

Detection:

RI

Injection:

20µl sample

AppliChrom DMac-Phil-P

Catalog #	Description	Dimension	Separation Range
SADCP1002508 SADCP1003008 SADCP100508 SADCP100308	AppliChrom DMac-Phil-P-100	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	100Da-2 500Da
SADCP2002508 SADCP2003008 SADCP200508 SADCP200308	AppliChrom DMac-Phil-P-200	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	100Da-20 000Da
SADCP2502508 SADCP2503008 SADCP250508 SADCP250308	AppliChrom DMac-Phil-P-250	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	1 00Da-70 000Da
SADCP2502508J SADCP2503008J SADCP250508J SADCP250308J	AppliChrom DMac-Phil-P-250	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	100Da-100 000Da
SADCP3002508 SADCP3003008 SADCP300508 SADCP300308	AppliChrom DMac-Phil-P-300	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	1.000Da-300 000Da
SADCP3502508 SADCP3503008 SADCP350508 SADCP350308	AppliChrom DMac-Phil-P-350	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	1.000Da-1 000 000Da
SADCP4002508 SADCP4003008 SADCP400508 SADCP400308	AppliChrom DMac-Phil-P-400	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	10 000Da-5 000 000Da
SADCP4502508 SADCP4503008 SADCP450508 SADCP450308	AppliChrom DMac-Phil-P-450	250mm x 8mm 300mm x 8mm 50mm x 8mm 30mm x 8mm	100 000Da→10 000 000 Da

A general guarantee for the functionality with all analytes cannot be given. In individual cases, it is always advisable to discuss the issue with our product specialists. An application laboratory is also available in Oranienburg for your service. Please contact us.

Errors and changes excepted. Research and development products.

Not tested for clinical, diagnostic, or food use.

Version 11/2021

Inquiry Form For Forwarding to AppliChrom GmbH

To place an order please fill in this form and send it by mail or fax to:

AppliChrom GmbH
Germendorfer Allee 20
D-16515 Oranienburg
Germany

Telephone: +49 (0)3301 579293
Fax: +49 (0)3301 209879
Email: info@applichrom.co
Web: www.applichrom.com

Catalog	Description	Dimension

bulk quantities on request

address

name

company / institute

address

country

telephone number

e-mail

VAT-number

comment

