

Watrex Polymer IEX

HPLC columns for separations of alcohols, sugars and organic acids

WATREX POLYMER IEX

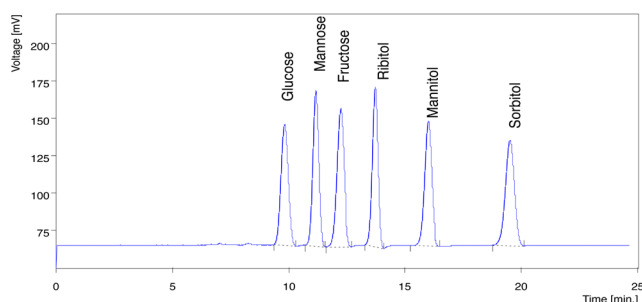
HPLC Columns for separation of sugars, alcohols and organic acids by ion exclusion. Uniform particle distribution ensures high efficiency. Columns packed by sulfonated styrene- divinylbenzene sorbent in hydrogen, sodium, calcium and lead forms are suitable for analyses of different natural products.



Polymer IEX Ca form

Ca form (calcium) is suitable for sugars, sugar alcohols and alcohols in various food products.

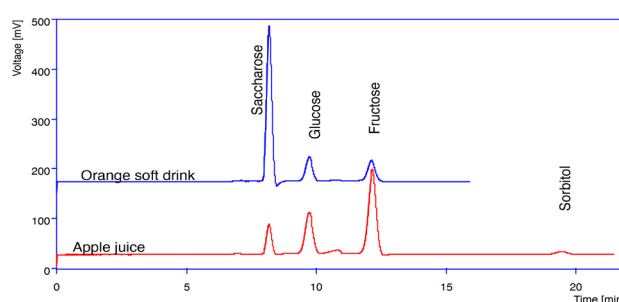
Sugar alcohols



Watrex Polymer IEX Ca, 250x8 mm

Eluent water, flow rate 0,5 ml/min, pressure 3,5 MPa, temperature 80°C, detection refractive index, injection 20 µl.

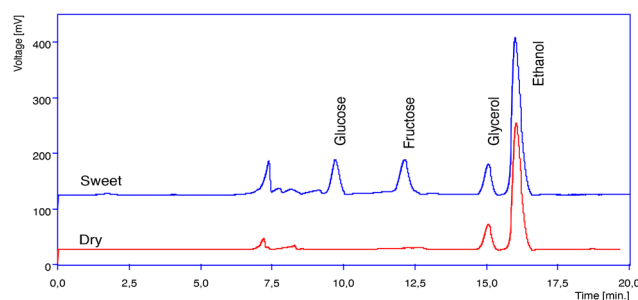
Soft drinks



Watrex Polymer IEX Ca, 250x8 mm

Eluent water, flow rate 0,5 ml/min, pressure 3,5 MPa, temperature 80°C, detection refractive index, injection 20 µl.

Red wine



Watrex Polymer IEX Ca, 250x8 mm

Eluent water, flow rate 0,5 ml/min, pressure 3,5 MPa, temperature 80°C, detection refractive index, injection 20 µl.

Polymer IEX Na form

Na form (sodium) is best suited for molasses and salt containing samples.

WATREX PRAHA, S.R.O.

Drnovská 1112/6
CZ - 161 00 Praha 6
Czech Republic

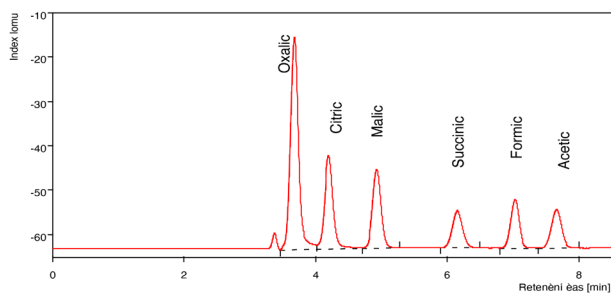
+ 420 226 203 500
watrex@watrex.com
www.watrex.com



Polymer IEX H form

H form (hydrogen) is suitable for weak organic and inorganic acids, alcohols and some sugars.

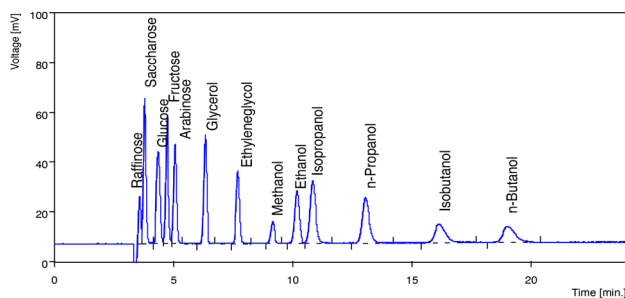
Organic Acids



Watrex Polymer IEX H, 250x8 mm

Eluent 9 mM H₂SO₄, flow rate 1,0 ml/min, pressure 8 MPa, temperature 25°C, detection UV 210 nm, injection 20 µl.

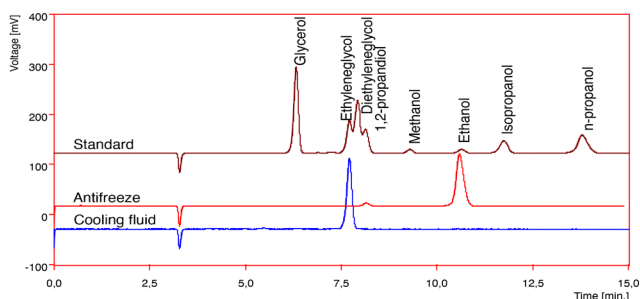
Alcohols and sugars



Watrex Polymer IEX H, 250x8 mm

Eluent 9 mM H₂SO₄, flow rate 1,0 ml/min, pressure 8 MPa, temperature 25°C, detection refractive index, injection 20 µl.

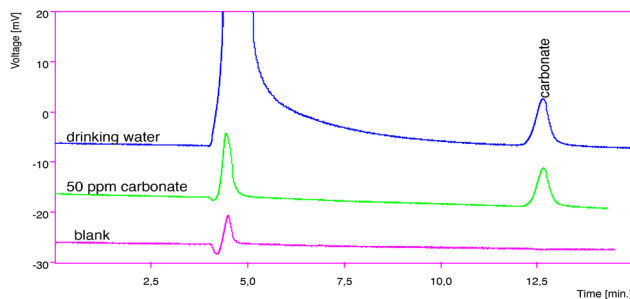
Antifreeze



Watrex Polymer IEX H, 250x8 mm

Eluent 9 mM H₂SO₄, flow rate 1,0 ml/min, pressure 8 MPa, temperature 25°C, detection refractive index, injection 20 µl.

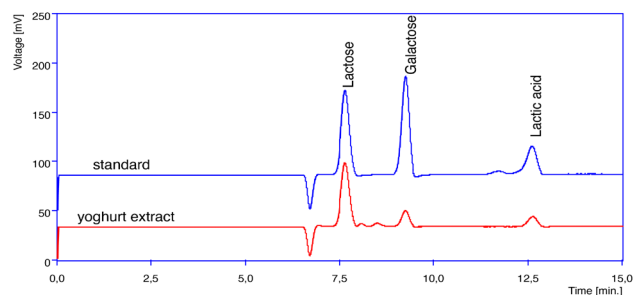
Carbonate in water



Watrex Polymer IEX H, 250x8 mm

Eluent water, flow rate 0,7 ml/min, pressure 7 MPa, temperature 25°C, detection conductometric, injection 20 µl.

Yoghurt – sugars and acids



Watrex Polymer IEX H, 250x8 mm

Eluent 9 mM H₂SO₄, flow rate 1,0 ml/min, pressure 6 MPa, temperature 45°C, detection refractive index, injection 20 µl.

Polymer IEX Pb form

Pb form (lead) shows excellent selectivity for some sugars like arabinose-mannose and sucrose-lactose.

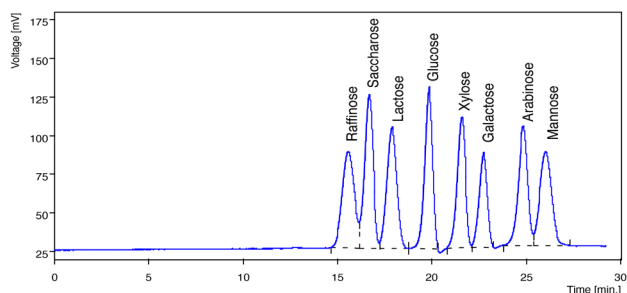
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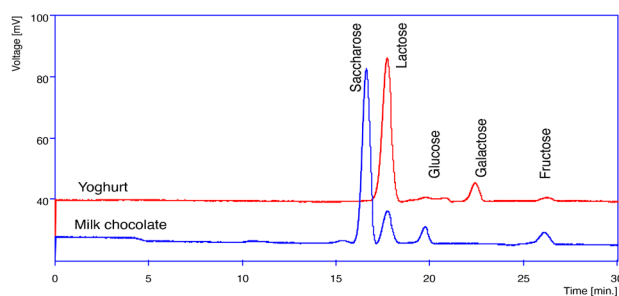
Arabinose and mannose



Watrex Polymer IEX Pb, 250x8 mm

Eluent water, flow rate 0,5 ml/min, pressure 2,5 MPa, temperature 80°C, detection refractive index, injection 20 µl.

Yoghurt and milk chocolate



Watrex Polymer IEX Pb, 250x8 mm

Eluent water, flow rate 0,5 ml/min, pressure 2,5 MPa, temperature 80°C, detection refractive index, injection 20 µl.

ORDERING INFO

Part no.

IH.3008
ICa.3008
IPb.3008
IH.2508
ICa.2508
IPb.2508
IH.508
IPb.508
WI02122
WI02121
WI029012

Description

Watrex Polymer IEX H form, 8 µm, 300x8 mm
Watrex Polymer IEX Ca form, 8 µm, 300x8 mm
Watrex Polymer IEX Pb form, 8 µm, 300x8 mm
Watrex Polymer IEX H form, 8 µm, 250x8 mm
Watrex Polymer IEX Ca form, 8 µm, 250x8 mm
Watrex Polymer IEX Pb form, 8 µm, 250x8 mm
Watrex Polymer IEX H form, 8µm, 50x8 mm
Watrex Polymer IEX Pb form, 8µm, 50x8mm
Guard column insert 10x4.0 mm PEEK Polymer IEX H 8 µm, 10 pcs
Guard column insert 10x4.0 mm PEEK Polymer IEX Ca 8 µm, 10 pcs
Guard column holder (for 10x4,0 mm PEEK insert)

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