

Polar Fleece and Acetonitrile - the Applica informs

Grüezi

before a recent Applica meeting we got to talk about acetonitrile. Acetonitrile is a waste product of the synthetic fibre industry. Because of the financial crisis the production of synthetic fibre has been drastically reduced so that there is less acetonitrile available which is used for the purification in HPLC.

As a result the price for acetonitrile - following supply and demand - has risen above average.

As already known, there are recycling solutions to recycle uncontaminated mobile phase with the aid of an electronically monitored T-valve. The baseline is detected in isocratic systems. When a peak is identified, the solvent is sent to waste. This is an interesting possibility to reduce the consumption of acetonitrile. Interesting for quality control with isocratic systems in routine laboratories. Calculations show that a solvent recycler has paid its worth in next to no time. For questions on how to use and install a solvent recycler, please contact our HPLC specialist Ruedi Schwarz from sertec electronics in Olten.

On 16. and 17. June 2009 is the APPLICA, as usual in Olten; the topics are on water and proteins and notable speakers are discussing these topics in step with actual practice. We are able to hand out a restricted number of gift coupons to our customers. Please apply for a gift coupon worth CHF 400.00 by using the form on the „gift coupon“ link listed below.

Water analysis often is trace analysis and therefore the purity of the autosampler septum particularly for Headspace GC is important. We are introducing the ms-Pure septum family which is made from pigment-free Silicone and pigment-free PTFE. We are having these septums produced by our partner company and can therefore offer them at an excellent cost/performance ratio. We are happy to send you samples and look forward to receiving your test results.

Links:

<http://en.wikipedia.org/wiki/Acetonitrile>

<http://en.wikipedia.org/wiki/Polyacrylonitrile>

http://www.infochroma.ch/eng/sample_prep

Gutschein Applica: <http://www.infomac.ch/applica09/gutschein.html>

<http://www.infomac.ch/applica09/index.html>

<http://www.sach.ch/applica.html>

http://www.infochroma.ch/eng/mspure_septum


20 mm Crimp Caps with ms-Pure Silicone/PTFE Septum

ms-Pure - Pigment free Silicone Septum



The ms-Pure Silicone/PTFE Septum is from natural pigment free Silicone and natural PTFE. Pigmentation in coloured septum material can be a source of contaminant and tests show that the MS-Pure Septum is over 60 % purer than „standard“ Silicone/PTFE septum material of other producers. With the increasing sensitivity of GC's and HPLC's there is an increased need for low bleed septum material to reduce the potential for sample error and to improve overall reliability



20 mm Aluminium Crimpcap with ms-Pure - pigment free Silicone/PTFE Septum

Usage/Material	Septum Material	thickness	Septum Colour	Cap Colour	Product No.
general	ms-Pure Silicone/PTFE	3 mm	clear/clear		8007-ACC-SKFK30 = EUR 39.00/100 pcs.

20 mm magnetic Aluminium Crimpcap with ms-Pure - pigment free Silicone/PTFE Septum

Usage/Material	Septum Material	thickness	Septum Colour	Cap Colour	Product No.
CTC/Leap, magnetic	ms-Pure Silicone/PTFE	3 mm	clear/clear		G007-MACB-SKFK30 = EUR 46.00/100 pcs.
CTC/Leap, magnetic	ms-Pure Silicone/PTFE	3 mm	clear/clear		G007-MACR-SKFK30 = EUR 46.00/100 pcs.

Headspace Crimpvials with flat base



G006-10-H/FL = EUR 29.00/100 pcs.
G006-10-D/FL = EUR 32.00/100 pcs.
 10 ml Headspace Crimp Vial
 with flat base from clear (H)
 or amber (D) borosilicate glass
 Size 23 x 45 mm



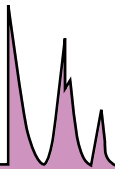
G006-20-H/FL = EUR 33.00/100 pcs.
G006-20-D/FL = EUR 40.00/100 pcs.
 20 ml Headspace Crimp Vial
 with flat base from clear (H)
 or amber (D) borosilicate glass
 Size 23 x 75 mm

Instrument Compatibility:

Agilent Technologies, CTC/Leap, Dani, Fisons HS500, Shimadzu AOC5000

Instrument Compatibility:

Agilent Technologies, CTC/Leap, Dani, Dani Purge & Trap, Fisons HS850, Shimadzu AOC5000



Headspace Crimpvials with rounded base



G006-10-H/Ru = EUR 29.00/100 pcs.

10 ml Headspace Crimp Vial
with rounded base from clear (H)
or amber (D) borosilicate glass
Size 23 x 45 mm



G006-20-H/Ru = EUR 33.00/100 pcs.

20 ml Headspace Crimp Vial
with rounded base from clear (H)
or amber (D) borosilicate glass
Size 23 x 75 mm

Instrument compatibility:

Agilent Technologies, CTC/Leap, Dani, Fisons HS500, Shimadzu AOC5000

Instrument Compatibility:

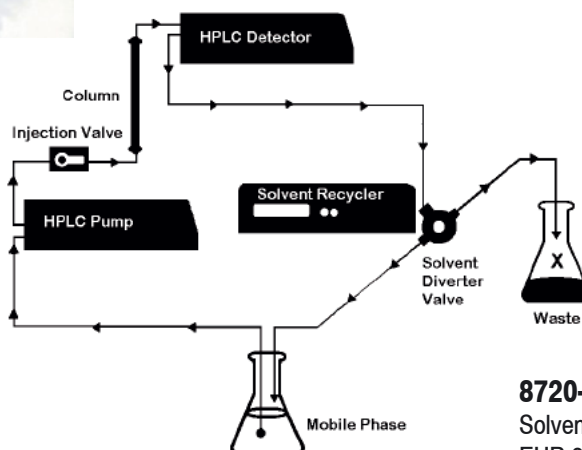
Agilent Technologies, CTC/Leap, Dani, Dani Purge & Trap, Fisons HS850, PerkinElmer, Shimadzu AOC5000

Price listed valid for a quantity of 500 pcs., excl. VAT, excl. postage and packaging EUR 10.00

SolventTrak - recycles uncontaminated solvent - reduces Acetonitrile consumption



- recycles uncontaminated mobile phase with the aid of an electronically monitored T-valve
- The baseline is detected in isocratic systems. When a peak is identified, the solvent is sent to waste.
- reduces acetonitrile consumption.
- Interesting for quality control with isocratic systems in routine laboratories.



For questions on how to use and install a solvent recycler, please contact our HPLC specialist Ruedi Schwarz from sertec electronics in Olten info@sertec.ch

8720-ST100-300
SolventTrak Solvent Recycler
EUR 2115.00/pcs.

Price excl. VAT, excl. postage and packaging EUR 10.00