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Phosphor and pesticides pollute the soil and waters of Switzerland

Recently the media commented the latest agricultural report. According to this report, an excess of substances, particularly pesticides and hazardous phosphor are polluting our soil. According to the conservation organisation Por Natura the problem is due to the high number of pigs that are kept and that pigs excrete a manure that is particularly rich in phosphor.

During winter another problem is added to this first one: it happens frequently - illegal as this may be - that farmers solve the problem of an overfull manure pit by bringing out the manure on frozen grounds. The phosphor contained in the manure is thus not absorbed by the ground but goes directly into the drinking water.

For all your needs of consumables around water and trace analysis, infochroma is your address. We have a comprehensive programme of products for water and trace analysis. Besides our vast programme of Storage and Septum Vials, we also offer screw vials and bottles pre-cleaned for TOC and pesticide analysis.

In addition, we have a range of IC-columns in our programme, an essential component of modern analysis for the identification of organic anions and cations in water or soil. And this is only a small choice of what we have on offer. On the next page we introduce some products for water and trace analysis. For a comprehensive choice, please refer to our webpage - www.infochroma.ch. All your specific questions are answered by Yukiko Higai or Hannes Baumli.

And if you need some relax time between your demanding analysis work, click into our webpage - www.chemoline.ch. There you find fun articles with a link to chemistry. For example an assembly kit for a fuel cell car which will delight not just the kids. After assembling the car, it is fuelled with water and will race off into the world.

We wish you a successful 2015 and we are happy if we can contribute to its success.

best regards
your infochroma ag



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Products for water and trace analysis



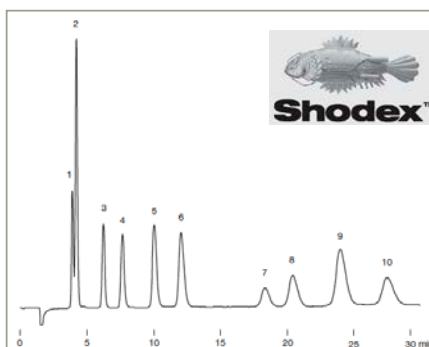
Shodex ion chromatography column

Column : Shodex IC SI-90 4E (4.0mm I.D. x 250 mm)
Eluent : 12mM NaHCO₃ aq.
Flow Rate : 1.2 ml/min
Detector : Suppressed conductivity
Column Temp : 25°C

8920-IC-SI-90-4E = CHF 1880.00/pcs.

www.infochroma.ch/eng/hplc/shodex.html

Simultaneous analysis of phosphate, phosphit and hypophosphite ions



Sample : 20µl

- | | |
|-----------------------------------|---------|
| 1. F- | 2 mg/l |
| 2. HPO ₂ ²⁻ | 10 mg/l |
| 3. Cl- | 3 mg/l |
| 4. NO ₂ ⁻ | 5 mg/l |
| 5. Br- | 10 mg/l |
| 6. NO ₃ ⁻ | 10 mg/l |
| 7. HPO ₄ ²⁻ | 15 mg/l |
| 8. HPO ₃ ²⁻ | 10 mg/l |
| 9. SO ₄ ²⁻ | 10 mg/l |
| 10. Oxalic acid | 10 mg/l |

G075Y-27/057-H

20 ml Storage Vial, clear borosilicate glass including closed-top PTFE lined screw cap.

CHF 86.00/pack of 100 pcs.

www.infochroma.ch/eng/lagervials

Yeti filter with nylon membrane

Nylon is a hydrophilic and very pure membrane, TOC analysis in trace range show an adsorption of polar substances on the membrane, especially suitable for filtration of aqueous samples, can be used up to 50°C

8833Y-N-4

33 mm Yeti filter with nylon membrane, 0.45 µm pore size

CHF 199.00/pack of 125 pcs.

Yeti Filter with polyethersulfone membrane

Hydrophilic with low protein binding and high filtration rate, especially suited for ion chromatography.

8813Y-PES-4

13 mm Yeti filter with polyethersulfone membrane 0.45 µm pore size

CHF 190.00/pack of 250 pcs.

www.infochroma.ch/eng/filter/yeti.html



Bottles pre-cleaned for pesticide analysis

125 ml and 250 ml screw-top bottles with wide opening complete with closed-top PTFE lined screw cap, pre-cleaned for pesticide analysis.

8S75-WM-125-D/P1

125 ml bottle, amber glass, with screw cap
CHF 54.00/pack of 24 pcs.

8S75-WM-250-H/P1

250 ml bottle, clear glass, with screw cap
CHF 35.00/pack of 12 pcs.

www.infochroma.ch/eng/vials/toc/epa_protokoll_reinigung.html



TOC certified vials

TOC glass vials complete with open-top screw cap and welded 1.5 mm thick silicone/PTFE septum.

8S74-40-H/TOC10-15

40 ml TOC vial, clear glass
CHF 164.00/pack of 72 pcs.

8S74-40-D/TOC10-15

40 ml TOC vial, amber glass
CHF 172.00/pack of 72 pcs.

www.infochroma.ch/eng/vials/toc/tocvials.html

