



Prof. Dr. Gertrud Morlock

The CAMAG Bibliography Service (CBS) is designed to serve the requirements of TLC/HPTLC users. Current trends and interesting applications are reported in the field of HPTLC and its hyphenations. Its database, termed Cumulative CBS (CCBS), distinguished from other databases in that it contains information oriented towards HPTLC practice. Prof. Dr. Gertrud Morlock, holding the Chair of Food Sciences at the Institute of Nutritional Science of Justus Liebig University Giessen, compiles those articles and abstracts, supported by recognized scientists in the field of HPTLC. Topics of the latest issues are listed next.

Analytica will again attract scientists worldwide. CAMAG will hold demonstrations of instruments and present the latest HPTLC software visionCATS 1.4. Please visit CAMAG in Hall A.1, at booth 212 at the convention center in Munich. Do not forget to register for HPTLC 2014 in Lyon, www.hptlc.com!

News & Events

Analytica 2014

1.–4. April 2014 in Munich, Germany

CAMAG exhibits at this international trade fair for laboratory technology, biotechnology and analytical conference

62nd ASMS 2014

15–19 June 2014, Baltimore

CAMAG exhibits at this international conference on Mass Spectrometry and Allied Topics

HPTLC 2014

2.–4. July 2014 in Lyon, France

CAMAG is a supporting partner of this series of international symposia last held 2011 in Basel, Switzerland

CAMAG *flash*

MARCH 2014

CAMAG Bibliography Service Planar Chromatography

Information by search in more than 10 000 TLC/HPTLC abstracts
www.camag.com/ccbs

CBS
CAMAG BIBLIOGRAPHY SERVICE

112
MARCH 2014

Bioactive zone

NMR
Structure confirmation

HRMS
Suggestion sum formula

ATR/FTIR
Structure information

UV/Vis/FLD
Structural information

Derivatization
Functional groups

R_f-value
Polarity

From the bioactive zone to the structure –
hyphenations for effect-directed analysis at
an analytical level

CAMAG WORLD LEADER IN PLANAR CHROMATOGRAPHY

CBS 112 • MARCH 2014
CAMAG BIBLIOGRAPHY SERVICE PLANAR CHROMATOGRAPHY

- **CBS 112 March 2014**
Focus: Effect-directed analysis

Bioassay-guided isolation of plant antibiotics; Effect directed analysis of environmental samples; HPTLC determination of sibutramine in adulterated herbal slimming supplements and of anthocyanes in food and animal feed by HPTLC-Vis-(EDA)MS

- **CBS 111 September 2013**

- Focus: HPTLC for the analysis of cosmetics**

- Detection and determination of caffeine, taurine and arginine in shampoos; Screening method to study the reactivity of cosmetic UV filters on skin proteins; Quantitation of alkaloids in a plant and fingerprinting of German propolis

- **CBS 110 March 2013**

- Focus: Hyphenation of planar chromatography with several kinds of spectroscopy/-metry**

- Rapid structure confirmation and quantitation by HPTLC-NMR; HPTLC-MS analysis using a novel compact single quadrupole mass spectrometer; Introduction of special TLC/HPTLC plates for coupling with MS; Bioautographic HPTLC assays for screening of plants and planar solid phase extraction as clean-up for pesticide residue analysis of tea samples

Users who want to subscribe to CBS in printed form - free of charge:

cbs@camag.com

CAMAG

WORLD LEADER IN PLANAR CHROMATOGRAPHY

CAMAG · Sonnenmattstrasse 11 · 4132 Muttenz (Switzerland) · www.camag.com