



Research & Development



OUR EXPERTISE in Thin Layer Chromatography (TLC)

The AR2i R&D Division offers you its expertise in instrumental TLC, which has resulted in numerous publications and two patents: DERIVAPRESS® and CHROMIMAGE®

OUR PUBLICATIONS

- «A new method of derivatization in planar chromatography: Overpressure Derivatization» *J. Planar Chromatogr.*, 1990, 3, 247-250
- «La dérivation postchromatographique en chromatographie planaire» *Analusis*, 1990, 18, 5, 18-19.
- «Overpressure Derivatization : standardized units» *J. Planar Chromatogr.*, 1990, 3, 500-503
- «New applications of overpressure derivatization in planar chromatography» *Analusis*, 1993, 21, 1-4
- «Simultaneous determination of ϵ -caprolactam and ϵ -aminocaproic acid by planar chromatography» *J. Liq. Chromatogr.*, 1994, 17, 12, 2737 - 2749.
- «Automation and robotics in planar chromatography» in J. SHERMA, B. FRIED «Handbook of Thin-Layer Chromatography», Marcel Dekker, 1996, 2nd edition.
- «Nouvelles perspectives en chromatographie planaire : méthodes générales» «New perspectives in planar chromatography : general methods» - *Report of a SFSTP Committee, S.T.P. Pharma Pratiques 8, (6), 447-464, 1998.*
- «Evaluation des interactions contenant-contenu par chromatographie planaire» «Assessment of container-content interactions by planar chromatography» - *Report of a SFSTP Committee, S.T.P. Pharma Pratiques 9, (1), 81-115, 1999.*

OUR DERIVAPRESS® DEVICE

- TLC plate "staining"
- Based on overpressure derivatization process
- Enables immediate, clear and homogeneous plate impregnation
- Easy to use, sprayless, safe



OUR CHROMIMAGE® 3X DEVICE

- TLC plate digitiser
- Ensures test traceability
- Edits a test report
- 3 lamps: visible, 254 nm, 366 nm
- Compliant with Ph. Eur. 2.1.3
- CFR21 part 11 compliant
- Compact and robust



MORE INFORMATION

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