D-EVA

SOLUTIONS BY LCTech

Unattended Concentration!

Due to Automatic Stop Sensor Designed by LCTech

Parallel and Fast Evaporation of Your Samples

D-EVA (Dioxin-Evaporation) is a brilliant solution for fast, parallel, and reproducible concentration of your PCB and dioxin samples before and after the clean-up step. The system concentrates your samples with vacuum and energy supply via light to a low volume and reliablly prevents evaporation after dryness due to a special LCTech sensor. Cross-contamination is avoided at any time.

The Brilliant Solution for Concentrating Samples

- From 1 to 26 samples in parallel independent of sample position and amount in the rotor
- Reliable evaporation nearly to dryness or as usually to a final volume of 30 to 100 µL for the PCDD/F-Fraction (F2) or a final volume of 300 to 500 µL for the PCB-Fraction (F1) is possible.
- Moderate speed during centrifugation with related centrifugal force reliably prevents boiling retardation, cross-contamination in the head space as well as sticking of analytes at the glass wall.
- The direct transfer into an insert of a GC-vial is possible even without rinsing due to centrifugal forces.
- Technology and design prevent continuing of evaporation after stopping the process.
- Supply of energy via light
- Space saving in the laboratory due to parallel processing of larger numbers of samples using only one system
- No vapour in the laboratory due to a cold trap
- Different rotors for different containers

Cold trap

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