

# RVC-application A-1005

Catchwords: plants, extracts, colorants, ethanol, 50 ml centrifuge tube, 25 ml

## Samples preparation of herbal colorant-extracts for the analytic

### Application:

Accumulation of herbal colorant-extracts containing solvents till entire dryness

### Specification:

Model:	Alpha RVC with cooling trap Alpha 2-4
Vacuum pump:	
Liquid phase:	Ethanol
Boiling range of the accumulation phase:	approx. 78 °C
Type of tube:	50 ml centrifuge tube
Starting volume of the sample:	25 ml
Final volume of the sample:	till entire dryness
Number of test tube per run:	10
Temperature:	40 °C
Vacuum:	20 mbar
Time:	50 min

### Result and notes:

There are no problems concerning the volatility of the components under the given conditions (there are no remarkable losses). The slower the evaporation, the more uncomplicated this matter. There are often different quantities (not a lot) of remaining water inside the outlet-material, that's why the given time is an average. Samples with other solvents (n-hexane, chloroform et al.) can also be vaporized with the machine.