

RVC-application A-1004

Catchwords: pharmaceuticals, fractionation, HPLC-analytics, water, water-methanol, 500 ml round bottom

Samples of preparative HPLC-analysis, sample preparation for analysis structure determination

Application:

Accumulation of hydrous or hydrous-methanolic samples.

Specification:

Model:	RVC 2-33 with rotor 4x 500 ml round bottom flasks	
Vacuum pump:		
Liquid phase:	water - methanol (20%)	water
Boiling range of the accumulation phase:	water 100 °C	
Type of tube:	500 ml round bottom flasks	
Starting volume of the sample:	250 – 300 ml	approx. 300 ml
Final volume of the sample:	50 – 80 ml	approx. 50 ml
Number of test tube per run:	4	2
Temperature:	30 °C	40 °C
Vacuum:	5 mbar	4 mbar
Time:	14 h	15 h

Result and notes:

Everyone is stoked, because the samples don't have to be frozen anymore with liquid azote. And everything can be left without control over night.