

TurboVap® LV and TurboVap® II

Evaporation Rates at Specified Conditions



TurboVap® LV Evaporation Speed Comparison

Solvent	Water Temperature (°C)	New TurboVap LV Gas Flow (L/min)	New TurboVap LV Approx. Time (mins)
Acetonitrile	35	1.6	44
Acetonitrile	50	1.6	25
Acetonitrile	60	1.6	17
Acetonitrile	70	1.6	13
Acetonitrile/Water (50/50)	70	1.7	61
Dichloromethane	35	1.9	12
Ethyl Acetate	35	1.6	27
Ethyl Acetate	50	1.6	15
Ethyl Acetate	60	1.6	11
Ethyl Acetate	70	1.6	8
Hexane	35	1.4	16
Hexane	50	1.4	10
Hexane	60	1.4	7
Methanol	35	1.6	39
Methanol	50	1.6	22
Methanol	60	1.5	17
Methanol/Water (50/50)	70	1.8	63
Water	50	2.0	190
Water	60	2.0	125
Water	70	2.0	88

Evaporation performed with 10 mL of solvent in 16 x 100 mm tubes P/N C40708 (n=8).



TurboVap® II Evaporation Speed Comparison

Solvent	Water Temperature (°C)	New TurboVap II Gas Flow (L/min)	New TurboVap II Approx. Time (mins)
Acetone	55	2.5	28
Acetonitrile	50	2.6	81
Dichloromethane	40	2.8	37
Hexane	55	2.3	24
Methanol	50	2.8	75
Toluene	50	2.7	114
Water	90	4.0	145

Evaporation performed with 180 mL of solvent in 200 mL evaporation tube with a 1.0 mL end-point stem P/N C128506 (n=3).

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