Table 1
Evaporation time of the drop free fallen in the hot air flow ($v_2^0 = 0$ m/s, v_1= 1 m/s)

Air temperature, K	Drop initial diameter, m·10³							
	0.5		1		1.5		2	
	H_2O	H_2SO_4	H_2O	H_2SO_4	H_2O	H_2SO_4	H_2O	H_2SO_4
373	7.99	11.83	20.28	29.97	34.53	51.01	49.18	74.16
473	3.23	4.16	8.31	10.68	14.19	18.24	20.66	26.54
573	1.90	2.37	4.97	6.17	8.52	10.56	12.42	15.39
673	1.31	1.60	3.46	4.23	5.95	7.25	8.68	10.58
773	0.98	1.20	2.65	3.20	4.57	5.52	6.67	8.06

Table 2
Distance passed by the drop during evaporation time ($v_2^0 = 0$ m/s, v_1= 1 m/s)

Air temperature, K	Drop initial diameter, m·10³							
	0.5		1		1.5		2	
	H_2O	H_2SO_4	H_2O	H_2SO_4	H_2O	H_2SO_4	H_2O	H_2SO_4
373	6.20	11.28	47.98	82.57	126.45	210.31	231.50	389.43
473	2.47	4.01	21.43	31.65	56.76	82.48	107.02	154.42
573	1.38	2.18	13.12	18.72	35.67	50.01	68.13	94.79
673	0.88	1.37	9.10	12.80	25.39	35.03	49.15	67.24
773	0.62	0.97	6.98	9.74	20.00	27.39	39.27	53.29

Table 3
Temperature achieved by the drop during evaporation ($v_2^0 = 0$ m/s, v_1= 1 m/s)

Air temperature, K	H_2O	H_2SO_4
373	304.9	349.3
473	315.6	367.3
573	321.9	376.3
673	326.1	381.9
773	328.8	385.7