

Appendix

Table 1: X-ray reflections to $30^\circ 2\theta$ inclusive intensities (standardised) of compound (I)

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2θ [°]	d_{hkl} [Å]	Intensity I/I_0 [%]
5.76	15.34	5
6.20	14.25	12
10.00	8.84	11
10.65	8.30	22
11.52	7.68	15
12.43	7.11	26
13.89	6.37	10
14.41	6.14	4
14.95	5.92	14
15.33	5.77	27
15.68	5.65	8
16.10	5.50	10
16.61	5.33	15
17.09	5.18	14
18.06	4.91	17
18.44	4.81	13
18.92	4.69	100
19.30	4.60	17
19.60	4.53	6
20.37	4.36	51
20.70	4.29	6
21.38	4.15	26
22.41	3.96	17
23.06	3.85	49
23.64	3.76	10
24.19	3.68	7
24.67	3.61	79
25.29	3.52	8
25.68	3.47	3
26.61	3.35	13
26.94	3.31	4
27.40	3.25	21

27.67	3.22	7
28.13	3.17	6
28.68	3.11	13
29.05	3.07	6
29.55	3.02	19
29.79	3.00	7

Figure 1: X-ray powder diagram of compound (I)

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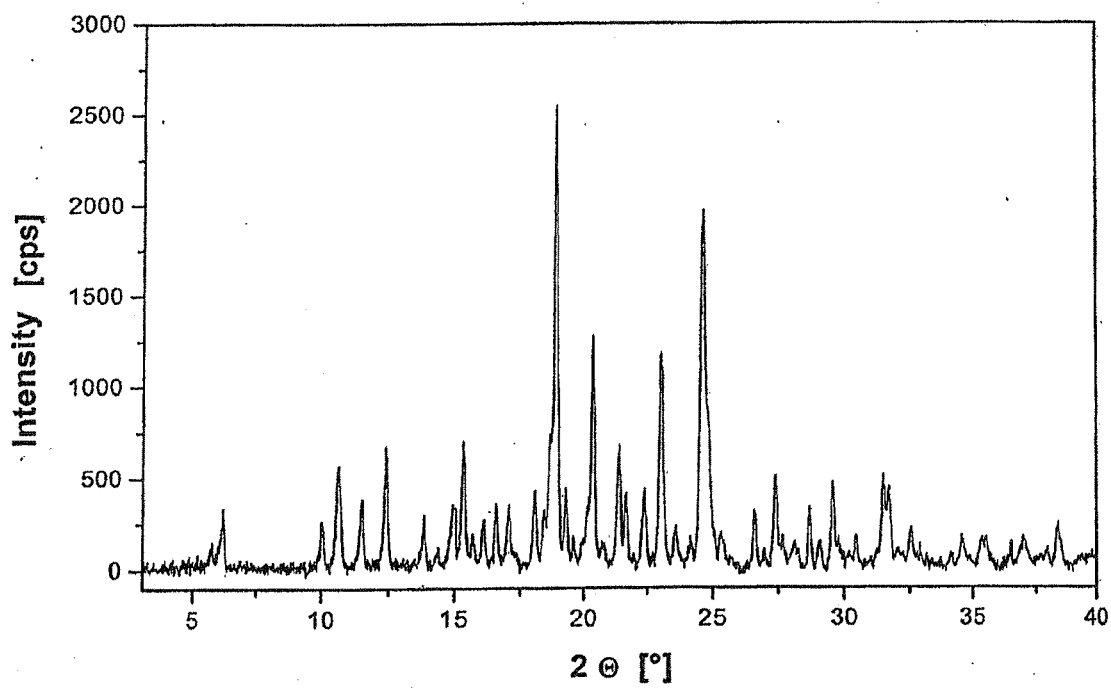


Figure 2: DSC/TG diagram of compound (I)

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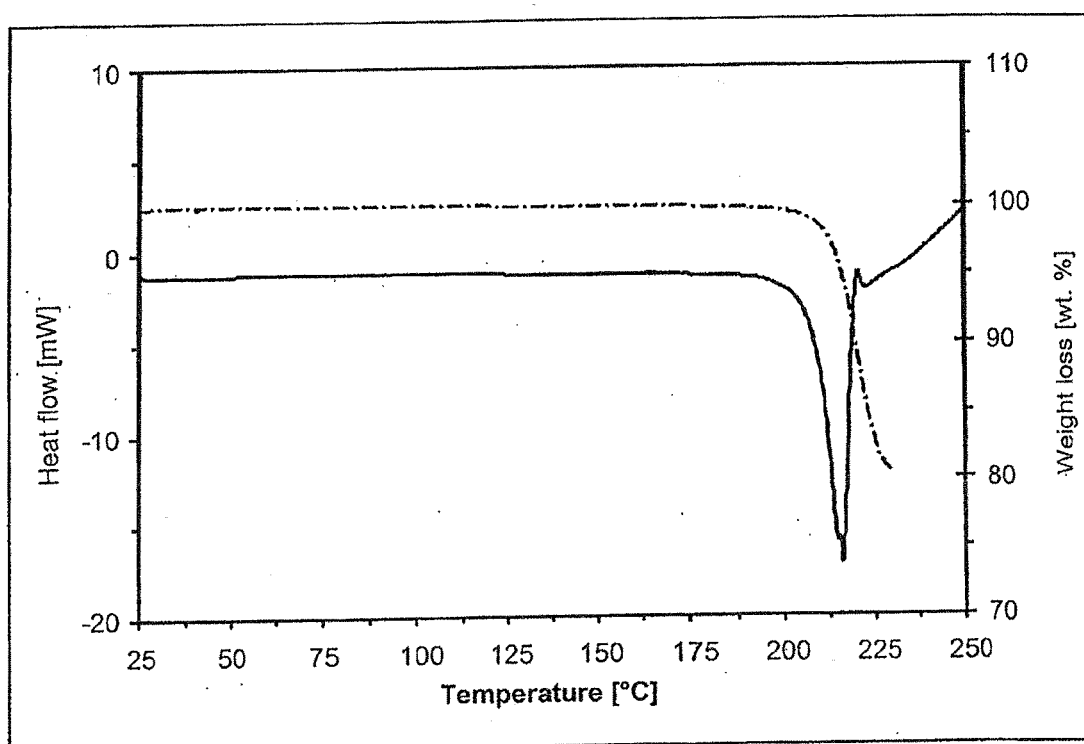
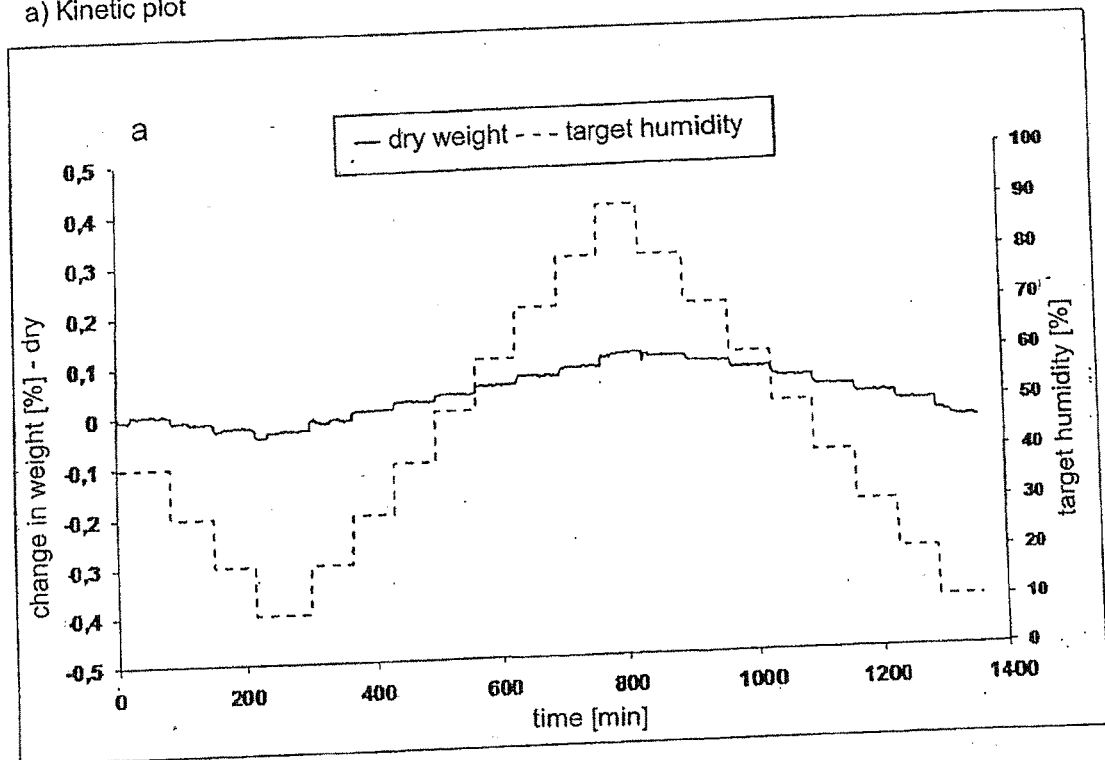


Figure 3: Sorption isotherms of compound (I)

a) Kinetic plot



b) isothermic plot

