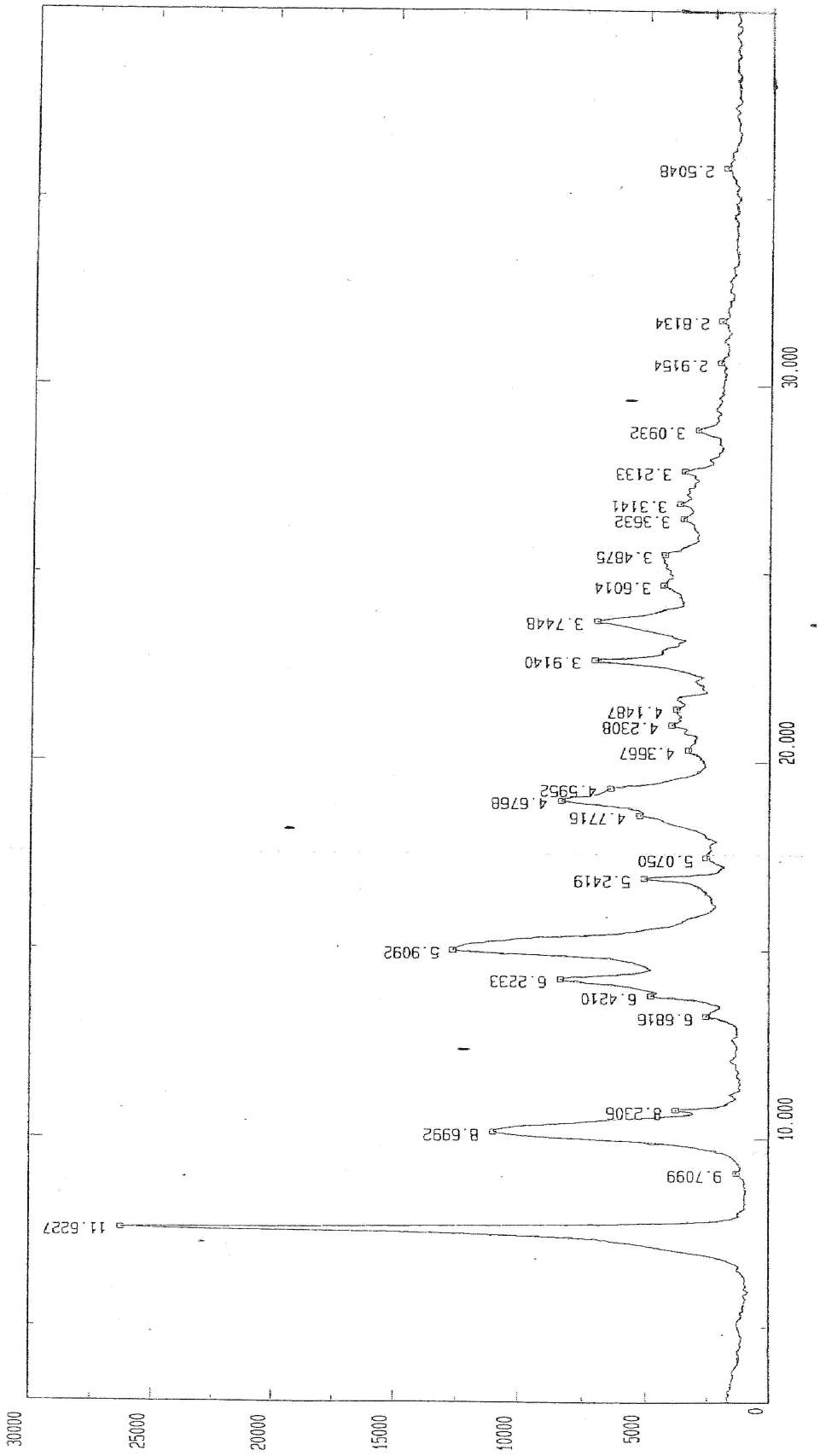

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20.000
30.000

Fig. 1

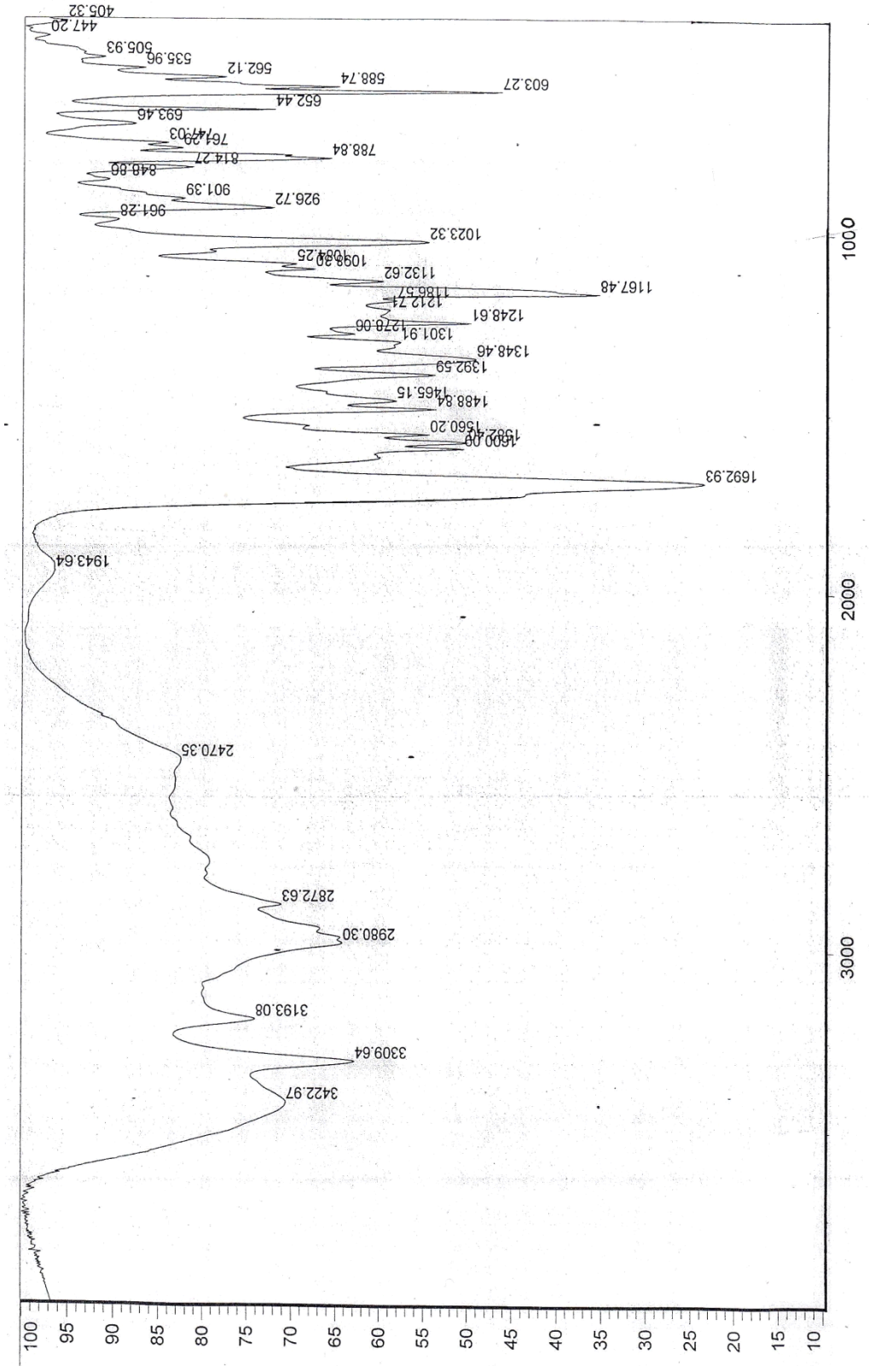

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1167.48
1186.57
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1248.61
1278.06
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2470.35
2872.63
2980.30
3193.08
3309.64
3422.97
100
95
90
85
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40
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25
20
15
10
1000
2000
3000

Fig. 2

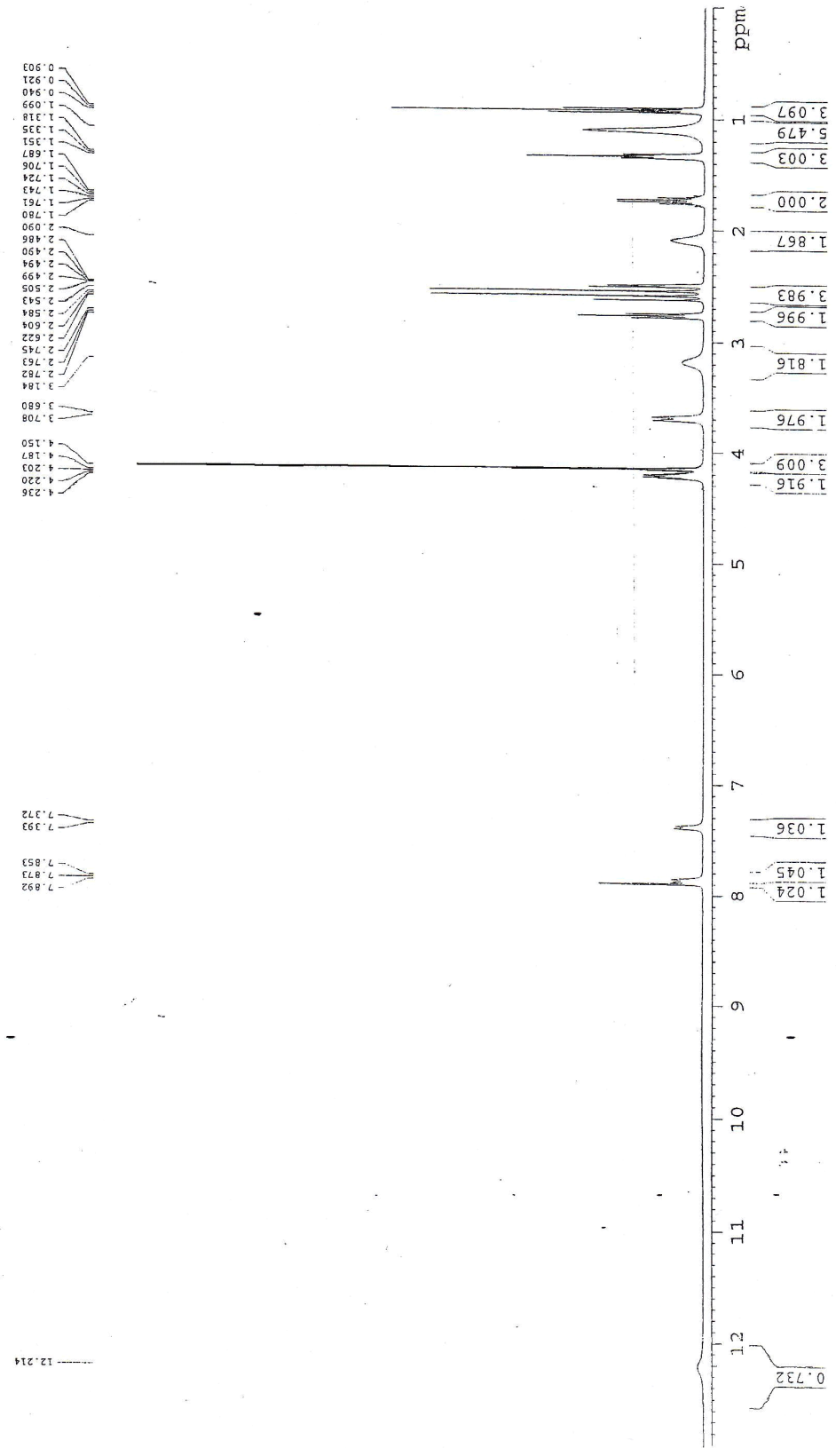

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4.203
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4.150
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Fig. 3

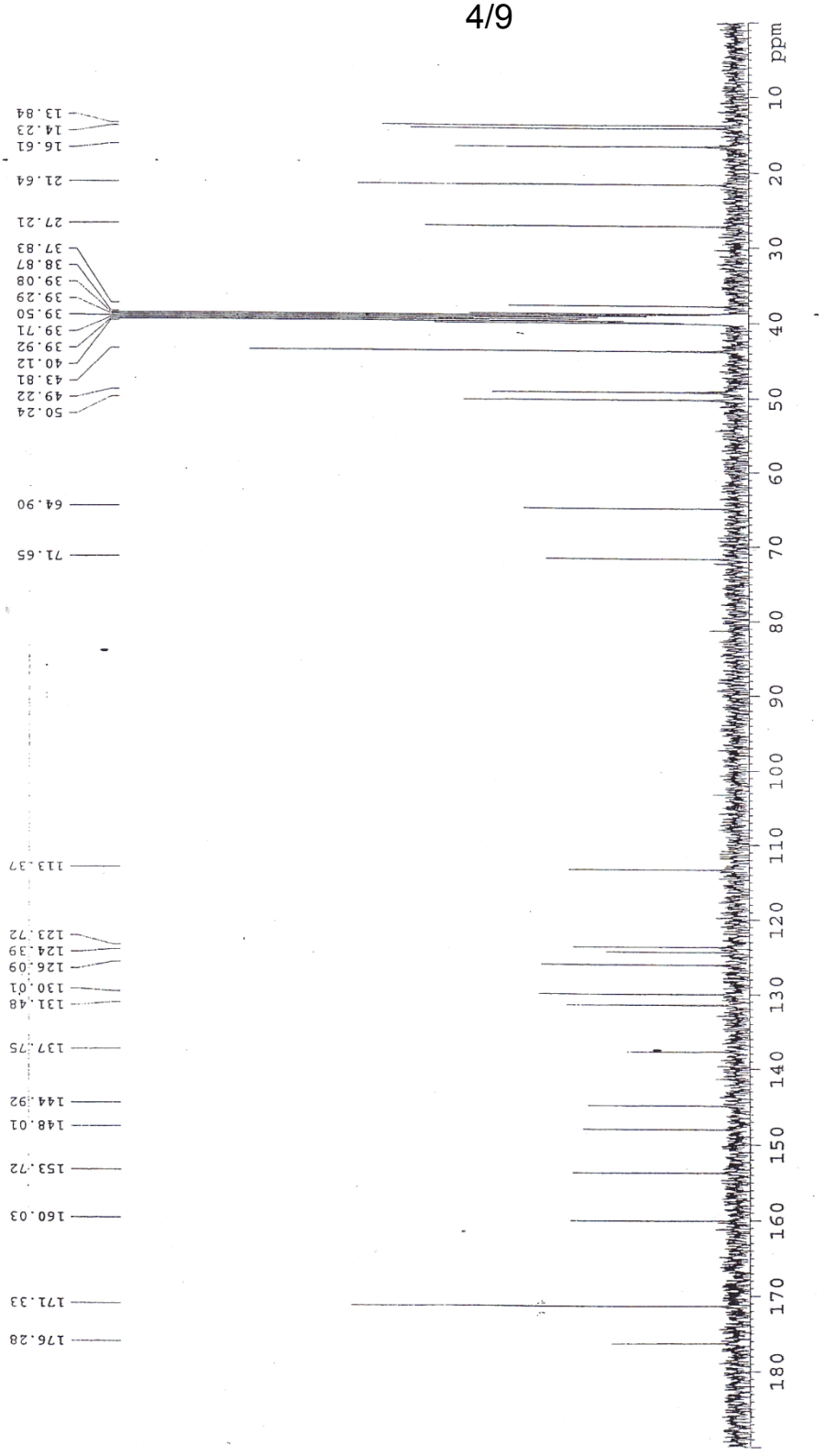
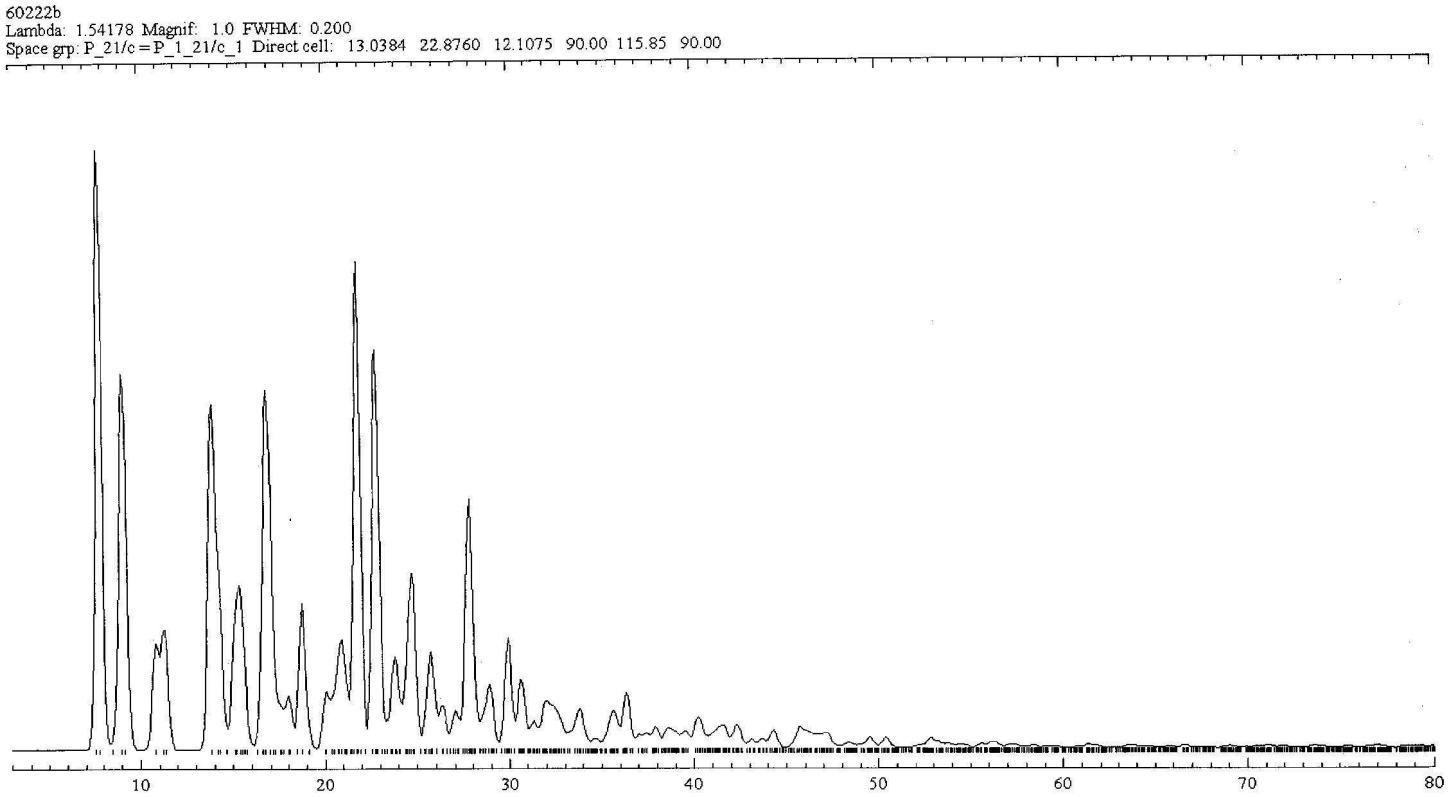

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39.92
40.12
43.81
49.22
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64.90
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130
140
150
160
170
180

Fig. 4

A PXRD diagram of Aildenafil citrate crystal form B



Theoretical peak table of Aildenafil citrate crystal form B in the citing documents. txt

Old atoms: 60222b
Lambda: 1.54178 Magnif: 1.0 FWHM: 0.200
Space grp: P_21/c = P_1_21/c_1 Direct cell: 13.0384 22.8760 12.1075 90.00 115.85 90.00

No.	h	k	l	d	|F|	Phi	Mult.	2th. (Ka)	Int. (Ka)
1	1	0	0	11.7338	18.7	3.142	2	7.53	1
2	0	2	0	11.4380	176.8	3.142	2	7.73	100
3	1	1	0	10.4404	13.4	3.142	4	8.47	1
4	0	1	-1	9.8371	103.6	0.000	4	8.99	51
5	1	1	-1	9.6331	68.4	3.142	4	9.18	21
6	1	2	0	8.1905	72.0	0.000	4	10.80	17
7	0	2	-1	7.8893	67.5	3.142	4	11.22	14
8	1	2	-1	7.7829	52.2	0.000	4	11.37	8
9	1	1	1	6.3995	121.7	0.000	4	13.84	29
10	1	3	0	6.3938	116.0	3.142	4	13.85	26
11	0	3	-1	6.2474	72.2	0.000	4	14.18	10
12	2	1	-1	6.2324	62.1	0.000	4	14.21	7
13	1	3	-1	6.1942	73.2	3.142	4	14.30	10
14	1	0	-2	6.0508	44.3	3.142	2	14.64	2
15	2	0	0	5.8669	136.8	0.000	2	15.10	15
16	1	1	-2	5.8496	39.2	0.000	4	15.15	3
17	1	2	1	5.7591	99.4	3.142	4	15.39	16
18	0	4	0	5.7190	95.8	0.000	2	15.49	7
19	2	1	0	5.6830	15.4	3.142	4	15.59	0
20	2	2	-1	5.6363	38.6	0.000	4	15.72	2
21	0	0	-2	5.4480	29.1	0.000	2	16.27	1
22	1	2	-2	5.3485	43.9	3.142	4	16.57	3
23	2	0	-2	5.3103	7.3	0.000	2	16.69	0
24	0	1	-2	5.2998	190.3	3.142	4	16.73	49
25	2	2	0	5.2202	138.4	3.142	4	16.98	25
26	2	1	-2	5.1728	53.0	3.142	4	17.14	4
27	1	4	0	5.1409	18.1	0.000	4	17.25	0
28	0	4	-1	5.0639	67.4	3.142	4	17.51	6
29	1	4	-1	5.0354	27.1	3.142	4	17.61	1
30	1	3	1	5.0185	23.3	0.000	4	17.67	1
31	2	3	-1	4.9367	69.1	3.142	4	17.97	6
32	0	2	-2	4.9186	52.2	3.142	4	18.03	3
33	2	2	-2	4.8165	28.7	3.142	4	18.42	1
34	1	3	-2	4.7398	150.1	0.000	4	18.72	24
35	2	3	0	4.6499	45.6	0.000	4	19.09	2
36	0	3	-2	4.4329	98.7	3.142	4	20.03	9
37	2	3	-2	4.3577	52.9	0.000	4	20.38	2
38	2	1	1	4.3426	21.4	3.142	4	20.45	0
39	1	4	1	4.3404	71.1	3.142	4	20.46	4
40	2	4	-1	4.2871	13.0	0.000	4	20.72	0
41	1	0	2	4.2797	119.7	0.000	2	20.75	6
42	1	5	0	4.2626	74.7	3.142	4	20.84	5
43	3	1	-1	4.2547	66.6	3.142	4	20.88	4
44	0	5	-1	4.2184	94.6	0.000	4	21.06	7
45	1	1	2	4.2068	7.3	3.142	4	21.12	0
46	1	5	-1	4.2019	44.3	0.000	4	21.14	2
47	1	4	-2	4.1563	54.9	3.142	4	21.38	2
48	3	0	-2	4.1474	4.8	3.142	2	21.42	0
49	2	2	1	4.1253	21.3	0.000	4	21.54	0
50	2	4	0	4.0952	35.8	3.142	4	21.70	1
51	3	1	-2	4.0809	321.0	3.142	4	21.78	80
52	3	2	-1	4.0498	22.5	3.142	4	21.95	0
53	1	2	2	4.0083	15.1	3.142	4	22.18	0
54	0	4	-2	3.9446	5.7	0.000	4	22.54	0
55	1	1	-3	3.9369	56.9	0.000	4	22.58	2
56	3	0	0	3.9113	354.4	0.000	2	22.73	45
57	3	2	-2	3.8990	152.5	3.142	4	22.81	16
58	2	1	-3	3.8970	4.2	0.000	4	22.82	0
59	2	4	-2	3.8914	101.1	3.142	4	22.85	7
60	3	1	0	3.8553	52.5	3.142	4	23.07	2
61	2	3	1	3.8260	41.1	3.142	4	23.25	1
62	0	6	0	3.8127	58.4	3.142	2	23.33	1
63	1	2	-3	3.7729	15.1	0.000	4	23.58	0
64	1	5	1	3.7721	41.6	3.142	4	23.58	1
65	3	3	-1	3.7655	66.0	3.142	4	23.63	3
66	2	2	-3	3.7377	4.4	3.142	4	23.80	0
67	2	5	-1	3.7370	115.1	3.142	4	23.81	9
68	1	3	2	3.7321	72.6	3.142	4	23.84	3
69	3	2	0	3.7009	70.5	3.142	4	24.05	3

Theoretical peak table of Aildenafil citrate crystal form B in the citing documents. txt

70	1	5	-2	3.6494	51.1	0.000	4	24.39	2
71	3	3	-2	3.6434	111.8	0.000	4	24.43	8
72	1	6	0	3.6260	72.4	0.000	4	24.55	3
73	2	5	0	3.6078	62.3	0.000	4	24.68	2
74	0	6	-1	3.5987	166.6	3.142	4	24.74	17
75	1	6	-1	3.5884	112.3	3.142	4	24.81	7
76	0	1	-3	3.5871	10.1	3.142	4	24.82	0
77	1	3	-3	3.5398	10.6	0.000	4	25.16	0
78	2	3	-3	3.5108	19.4	3.142	4	25.37	0
79	0	5	-2	3.5036	50.3	3.142	4	25.42	1
80	2	4	1	3.4987	36.2	0.000	4	25.46	1
81	3	1	-3	3.4986	3.0	3.142	4	25.46	0
82	3	3	0	3.4801	59.9	3.142	4	25.60	2
83	2	5	-2	3.4662	6.8	0.000	4	25.70	0
84	0	2	-3	3.4617	157.7	0.000	4	25.73	14
85	3	4	-1	3.4523	3.8	0.000	4	25.81	0
86	1	4	2	3.4265	60.5	3.142	4	26.00	2
87	3	2	-3	3.3819	115.4	0.000	4	26.35	7
88	3	4	-2	3.3575	11.3	3.142	4	26.55	0
89	2	0	2	3.3328	38.5	3.142	2	26.75	0
90	1	6	1	3.3095	64.6	0.000	4	26.94	2
91	2	1	2	3.2980	85.3	3.142	4	27.04	4
92	2	6	-1	3.2857	17.5	3.142	4	27.14	0
93	0	3	-3	3.2790	2.6	0.000	4	27.19	0
94	1	4	-3	3.2759	54.2	0.000	4	27.22	1
95	2	4	-3	3.2528	15.0	3.142	4	27.42	0
96	4	0	-2	3.2387	19.1	3.142	2	27.54	0
97	3	4	0	3.2284	131.8	3.142	4	27.63	8
98	1	6	-2	3.2257	84.2	3.142	4	27.65	3
99	3	1	1	3.2247	19.5	3.142	4	27.66	0
100	3	3	-3	3.2110	21.9	0.000	4	27.78	0
101	4	1	-2	3.2067	262.8	0.000	4	27.82	32
102	2	2	2	3.1998	23.0	0.000	4	27.88	0
103	2	6	0	3.1969	43.5	0.000	4	27.91	1
104	2	5	1	3.1800	64.1	3.142	4	28.06	2
105	4	1	-1	3.1740	50.6	0.000	4	28.11	1
106	1	7	0	3.1482	16.0	3.142	4	28.35	0
107	3	5	-1	3.1450	51.6	3.142	4	28.38	1
108	3	2	1	3.1327	60.6	3.142	4	28.49	2
109	0	7	-1	3.1302	3.7	0.000	4	28.51	0
110	1	5	2	3.1255	7.0	3.142	4	28.56	0
111	0	6	-2	3.1237	0.1	3.142	4	28.57	0
112	1	7	-1	3.1235	49.9	0.000	4	28.58	1
113	4	2	-2	3.1162	52.4	0.000	4	28.65	1
114	2	6	-2	3.0971	81.3	3.142	4	28.83	3
115	4	2	-1	3.0861	124.8	0.000	4	28.93	7
116	1	1	3	3.0796	15.5	0.000	4	28.99	0
117	3	5	-2	3.0728	28.8	0.000	4	29.06	0
118	0	4	-3	3.0660	44.1	3.142	4	29.12	1
119	2	3	2	3.0539	3.6	3.142	4	29.24	0
120	2	0	-4	3.0254	24.5	3.142	2	29.52	0
121	3	4	-3	3.0101	26.3	0.000	4	29.68	0
122	1	5	-3	3.0099	46.6	3.142	4	29.68	1
123	2	1	-4	2.9993	87.4	3.142	4	29.79	3
124	1	2	3	2.9991	29.5	3.142	4	29.79	0
125	3	3	1	2.9954	59.2	0.000	4	29.83	1
126	2	5	-3	2.9920	27.2	3.142	4	29.86	0
127	4	1	-3	2.9870	99.9	0.000	4	29.91	4
128	4	3	-2	2.9810	162.5	3.142	4	29.97	10
129	3	5	0	2.9730	9.6	3.142	4	30.06	0
130	4	3	-1	2.9546	11.5	3.142	4	30.25	0
131	1	0	-4	2.9521	0.5	0.000	2	30.27	0
132	1	7	1	2.9343	69.7	3.142	4	30.46	2
133	4	0	0	2.9334	20.4	0.000	2	30.47	0
134	1	1	-4	2.9278	25.5	0.000	4	30.53	0
135	2	2	-4	2.9248	0.5	0.000	4	30.56	0
136	2	7	-1	2.9177	146.0	3.142	4	30.64	8
137	4	2	-3	2.9134	60.9	3.142	4	30.69	1
138	4	1	0	2.9096	43.8	3.142	4	30.73	1
139	3	0	-4	2.9076	13.3	3.142	2	30.75	0
140	2	6	1	2.8878	0.8	3.142	4	30.97	0
141	3	1	-4	2.8844	28.2	0.000	4	31.00	0
142	2	4	2	2.8795	39.8	3.142	4	31.06	1
143	1	3	3	2.8780	31.0	3.142	4	31.07	0
144	1	7	-2	2.8754	21.2	0.000	4	31.10	0

Theoretical peak table of Aildenafil citrate crystal form B in the citing documents. txt

145	3	6	-1	2.8616	42.0	3.142	4	31.26	1
146	0	8	0	2.8595	58.2	3.142	2	31.28	1
147	1	2	-4	2.8584	0.7	3.142	4	31.29	0
148	2	7	0	2.8550	76.4	0.000	4	31.33	2
149	1	6	2	2.8468	35.2	3.142	4	31.42	0
150	0	5	-3	2.8446	33.7	0.000	4	31.45	0
151	4	2	0	2.8415	13.7	3.142	4	31.48	0
152	3	4	1	2.8304	22.2	0.000	4	31.61	0
153	4	4	-2	2.8182	56.4	3.142	4	31.75	1
154	3	2	-4	2.8179	1.5	3.142	4	31.75	0
155	2	3	-4	2.8121	61.2	3.142	4	31.82	1
156	3	6	-2	2.8069	26.1	3.142	4	31.88	0
157	0	7	-2	2.8025	2.1	0.000	4	31.93	0
158	4	3	-3	2.8020	108.3	3.142	4	31.94	4
159	3	5	-3	2.7999	30.5	3.142	4	31.96	0
160	4	4	-1	2.7959	22.9	3.142	4	32.01	0
161	2	7	-2	2.7832	54.1	0.000	4	32.16	1
162	1	8	0	2.7782	99.4	0.000	4	32.22	3
163	0	8	-1	2.7658	11.5	0.000	4	32.37	0
164	1	8	-1	2.7612	72.8	0.000	4	32.42	2
165	1	6	-3	2.7587	59.5	0.000	4	32.45	1
166	1	3	-4	2.7530	54.8	3.142	4	32.52	1
167	2	6	-3	2.7449	57.5	3.142	4	32.62	1
168	4	3	0	2.7378	53.8	3.142	4	32.71	1
169	1	4	3	2.7307	60.8	0.000	4	32.80	1
170	3	6	0	2.7302	23.0	3.142	4	32.80	0
171	0	0	-4	2.7240	86.5	0.000	2	32.88	1
172	3	3	-4	2.7168	12.1	0.000	4	32.97	0
173	0	1	-4	2.7049	13.5	0.000	4	33.12	0
174	2	5	2	2.6939	83.8	3.142	4	33.26	2
175	2	4	-4	2.6742	35.4	3.142	4	33.51	0
176	3	0	2	2.6728	57.2	0.000	2	33.53	1
177	4	4	-3	2.6655	64.8	3.142	4	33.62	1
178	4	0	-4	2.6552	31.6	3.142	2	33.76	0
179	3	1	2	2.6547	24.5	3.142	4	33.76	0
180	3	5	1	2.6535	52.8	3.142	4	33.78	1
181	0	2	-4	2.6499	116.5	3.142	4	33.83	4
182	4	1	-4	2.6374	30.7	0.000	4	33.99	0
183	0	6	-3	2.6298	6.1	0.000	4	34.09	0
184	2	7	1	2.6284	48.0	0.000	4	34.11	1
185	1	8	1	2.6279	20.8	3.142	4	34.12	0
186	1	4	-4	2.6232	27.2	0.000	4	34.18	0
187	2	8	-1	2.6159	22.1	0.000	4	34.28	0
188	4	4	0	2.6101	12.3	0.000	4	34.36	0
189	3	7	-1	2.6085	9.1	0.000	4	34.38	0
190	3	2	2	2.6026	5.3	0.000	4	34.46	0
191	2	1	3	2.6021	15.8	3.142	4	34.47	0
192	1	7	2	2.5974	2.6	0.000	4	34.53	0
193	3	6	-3	2.5943	40.5	0.000	4	34.57	0
194	3	4	-4	2.5918	28.7	0.000	4	34.61	0
195	4	2	-4	2.5864	38.9	3.142	4	34.68	0
196	1	8	-2	2.5853	44.1	0.000	4	34.70	1
197	1	5	3	2.5708	21.3	3.142	4	34.90	0
198	2	8	0	2.5704	10.9	3.142	4	34.90	0
199	3	7	-2	2.5669	11.8	0.000	4	34.95	0
200	0	3	-4	2.5652	13.8	3.142	4	34.98	0
201	2	2	3	2.5530	15.6	0.000	4	35.15	0
202	4	1	1	2.5497	68.6	0.000	4	35.20	1
203	0	8	-2	2.5319	90.1	0.000	4	35.45	2
204	1	7	-3	2.5299	0.0	3.142	4	35.48	0
205	2	5	-4	2.5236	31.3	3.142	4	35.57	0
206	3	3	2	2.5223	42.3	0.000	4	35.59	0
207	2	7	-3	2.5192	101.8	0.000	4	35.64	3
208	2	8	-2	2.5177	26.6	3.142	4	35.66	0
209	2	6	2	2.5093	40.2	3.142	4	35.78	0
210	3	7	0	2.5078	37.0	0.000	4	35.80	0
211	4	3	-4	2.5075	40.6	3.142	4	35.81	0
212	4	2	1	2.5034	69.9	3.142	4	35.87	1
213	1	9	0	2.4842	16.0	3.142	4	36.16	0
214	1	5	-4	2.4805	42.9	3.142	4	36.21	0
215	2	3	3	2.4770	26.1	3.142	4	36.27	0
216	3	6	1	2.4765	22.2	0.000	4	36.27	0
217	0	9	-1	2.4753	59.6	0.000	4	36.29	1
218	1	9	-1	2.4720	168.4	0.000	4	36.34	7
219	0	4	-4	2.4593	30.9	0.000	4	36.54	0

Theoretical peak table of Aildenafil citrate crystal form B in the citing documents. txt

220	3	5	-4	2.4540	45.5	3.142	4	36.62	1
221	4	3	1	2.4317	4.5	0.000	4	36.97	0
222	1	0	4	2.4303	125.2	0.000	2	36.99	2
223	0	7	-3	2.4294	18.3	0.000	4	37.00	0
224	3	4	2	2.4214	3.0	0.000	4	37.13	0
225	1	1	4	2.4167	18.1	3.142	4	37.20	0
226	1	6	3	2.4089	36.8	3.142	4	37.33	0
227	4	4	-4	2.4083	34.7	0.000	4	37.34	0
228	2	1	-5	2.4019	81.9	3.142	4	37.44	2
229	2	8	1	2.4014	8.6	0.000	4	37.45	0
230	3	7	-3	2.4013	8.2	0.000	4	37.45	0
231	3	1	-5	2.3868	32.2	0.000	4	37.69	0
232	3	8	-1	2.3862	14.5	0.000	4	37.70	0
233	2	4	3	2.3812	15.1	0.000	4	37.78	0
234	1	8	2	2.3776	16.8	0.000	4	37.84	0
235	1	2	4	2.3772	75.8	3.142	4	37.84	1
236	1	9	1	2.3750	12.9	0.000	4	37.88	0
237	2	6	-4	2.3699	90.3	0.000	4	37.97	2
238	2	9	-1	2.3661	16.4	0.000	4	38.03	0
239	2	2	-5	2.3632	20.2	0.000	4	38.08	0
240	3	8	-2	2.3542	11.7	3.142	4	38.23	0
241	3	2	-5	2.3487	30.2	0.000	4	38.32	0
242	1	9	-2	2.3434	25.8	3.142	4	38.41	0
243	4	4	1	2.3409	60.7	3.142	4	38.45	1
244	0	5	-4	2.3406	22.2	3.142	4	38.46	0
245	1	6	-4	2.3342	31.5	3.142	4	38.57	0
246	2	7	2	2.3334	83.6	0.000	4	38.58	2
247	2	9	0	2.3323	21.3	3.142	4	38.60	0
248	1	8	-3	2.3255	10.1	3.142	4	38.72	0
249	1	1	-5	2.3209	47.1	3.142	4	38.80	1
250	2	8	-3	2.3172	34.5	0.000	4	38.86	0
251	1	3	4	2.3155	67.3	0.000	4	38.89	1
252	3	6	-4	2.3120	39.0	0.000	4	38.95	0
253	3	8	0	2.3084	22.6	3.142	4	39.02	0
254	3	5	2	2.3078	1.6	3.142	4	39.03	0
255	3	7	1	2.3070	8.8	0.000	4	39.04	0
256	0	9	-2	2.3034	21.6	3.142	4	39.11	0
257	2	3	-5	2.3025	61.1	3.142	4	39.12	1
258	2	9	-2	2.2927	8.5	0.000	4	39.30	0
259	3	3	-5	2.2892	16.9	0.000	4	39.36	0
260	0	10	0	2.2876	70.2	0.000	2	39.39	1
261	1	2	-5	2.2859	59.3	3.142	4	39.42	1
262	4	1	-5	2.2805	61.4	3.142	4	39.51	1
263	2	5	3	2.2730	74.3	0.000	4	39.65	1
264	1	7	3	2.2521	77.1	0.000	4	40.03	1