

Fig. 1

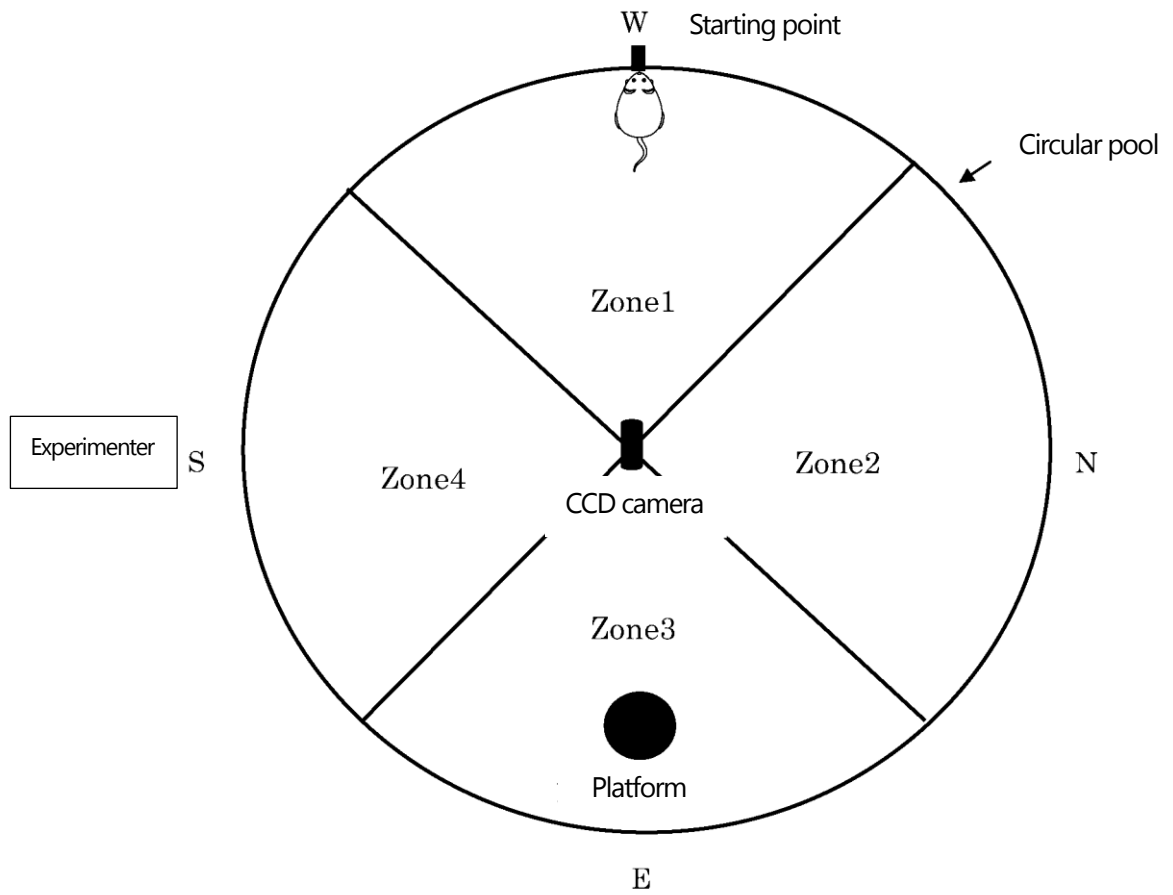


Fig. 2

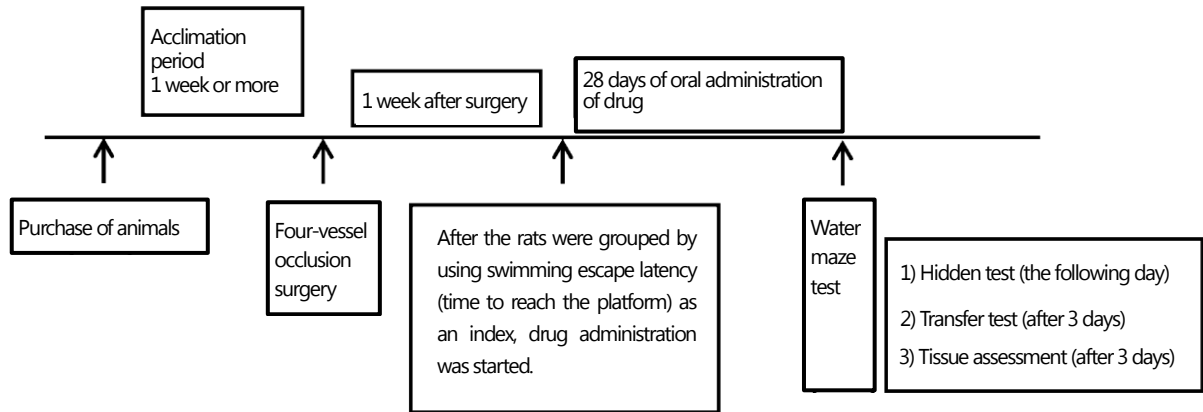


Fig. 3A

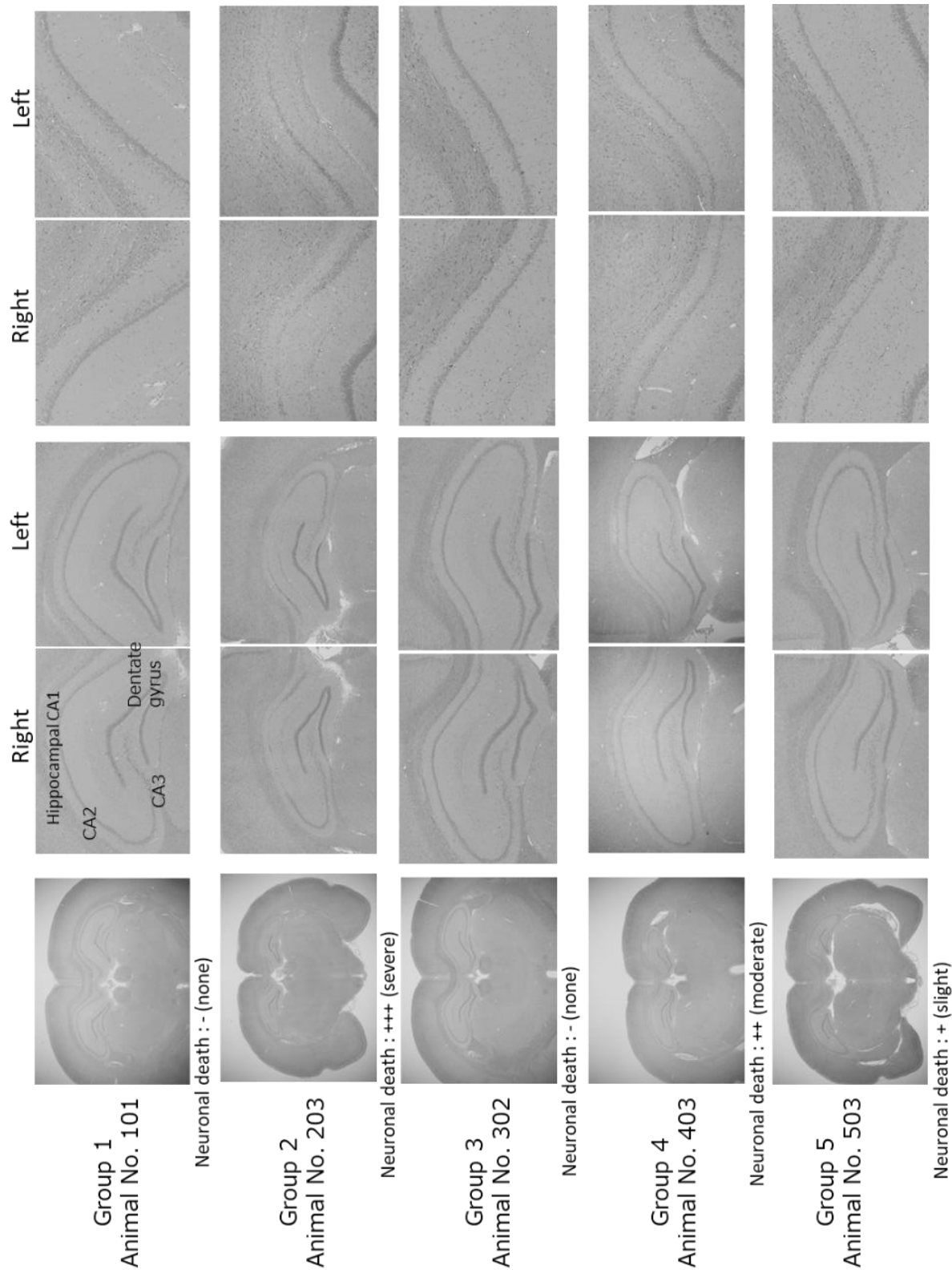


Fig. 3B

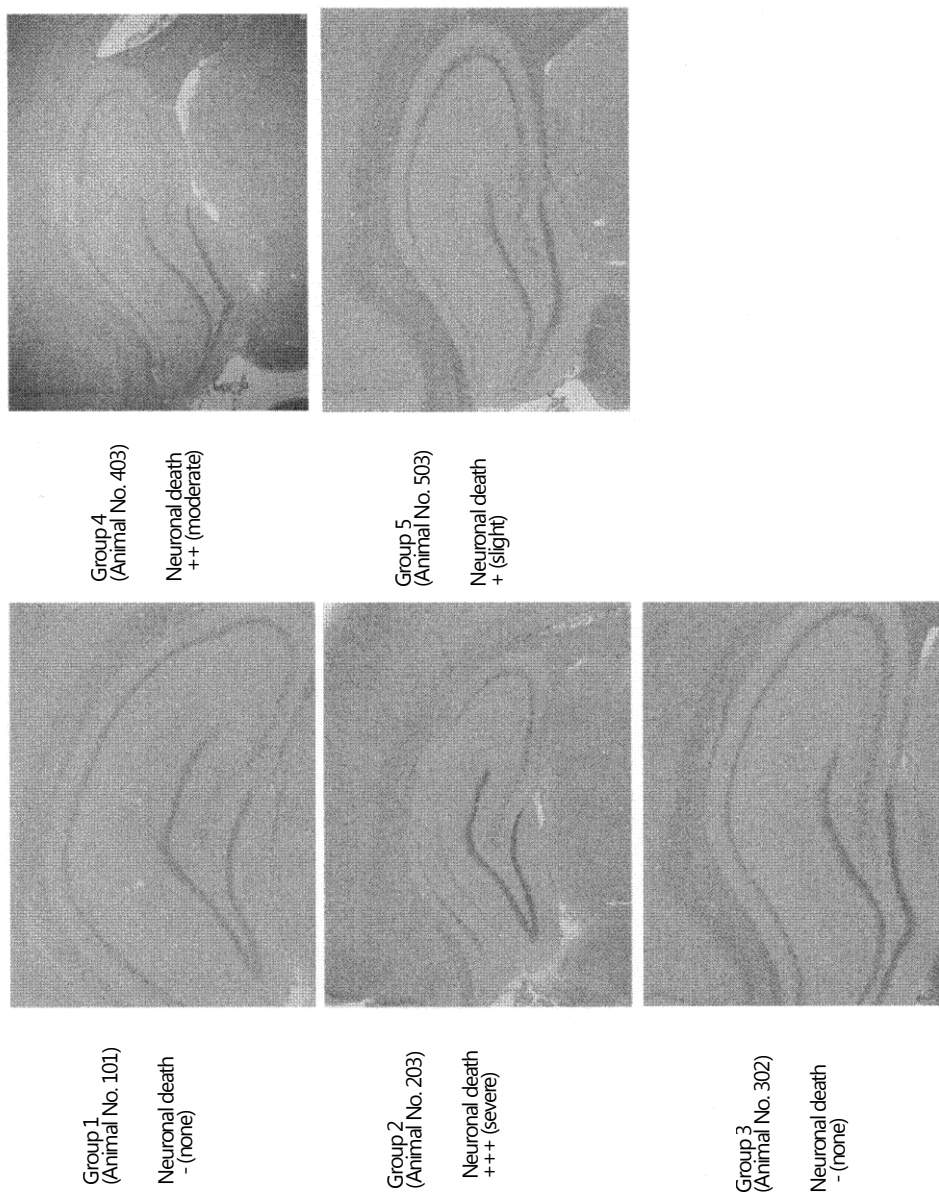
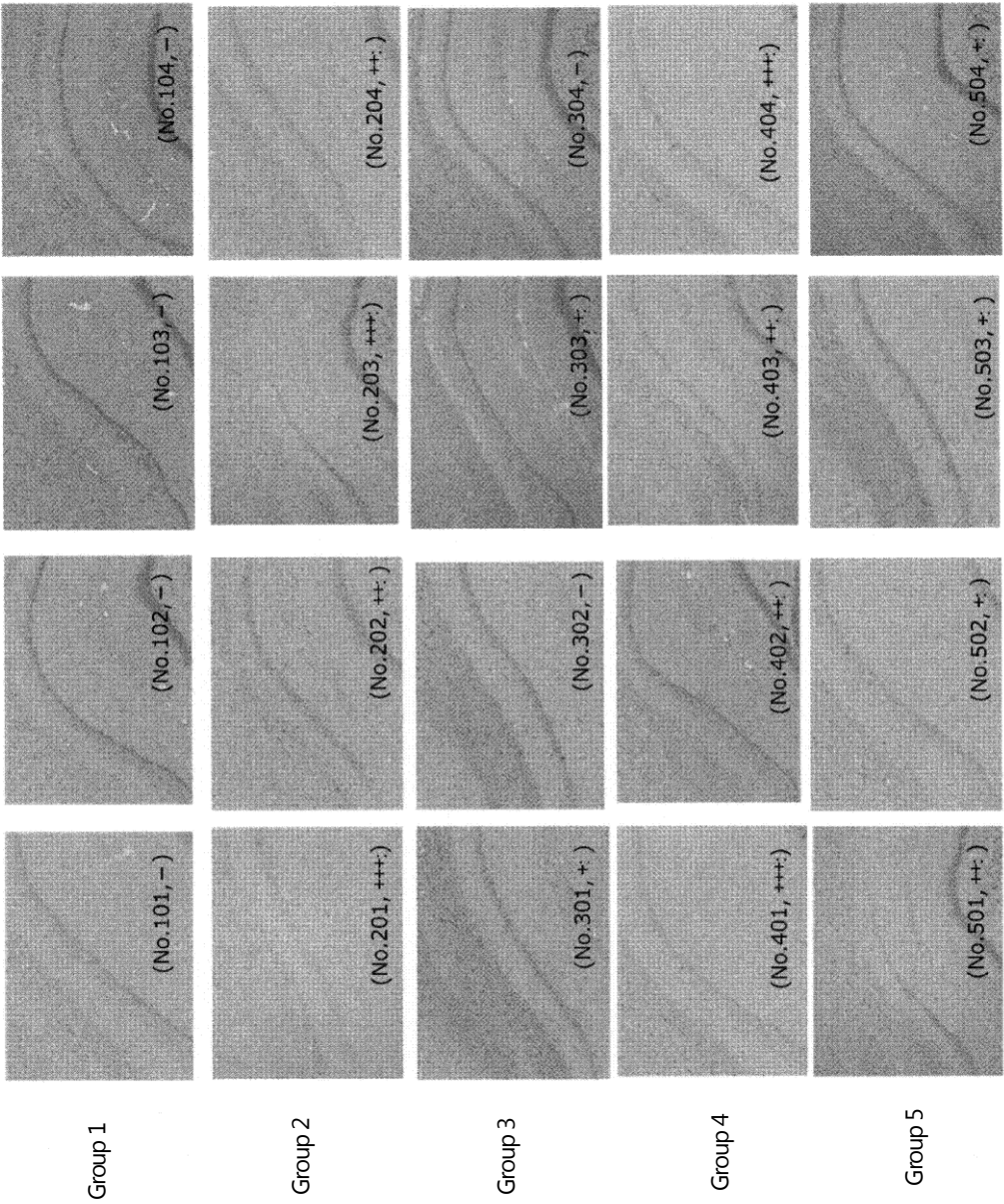


Fig. 3C



(Animal No., Rating of neuronal death -: none, +: slight, ++: moderate, +++: severe)

Fig. 4A

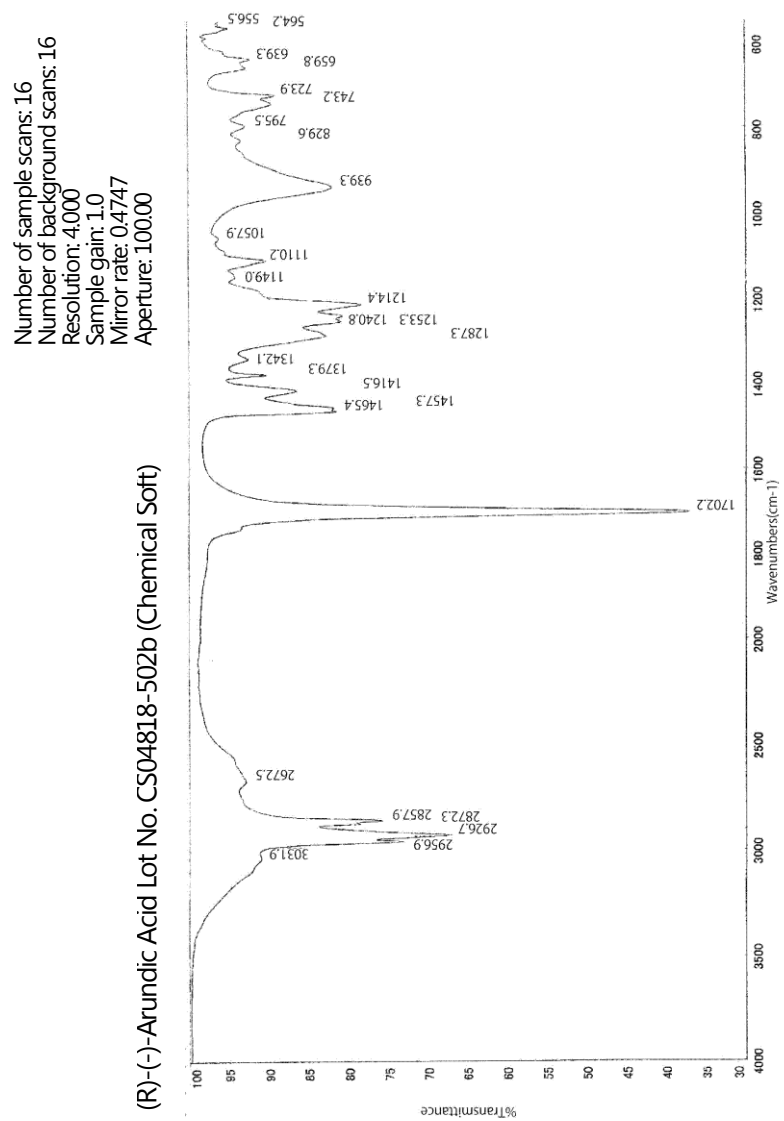


Fig. 4B

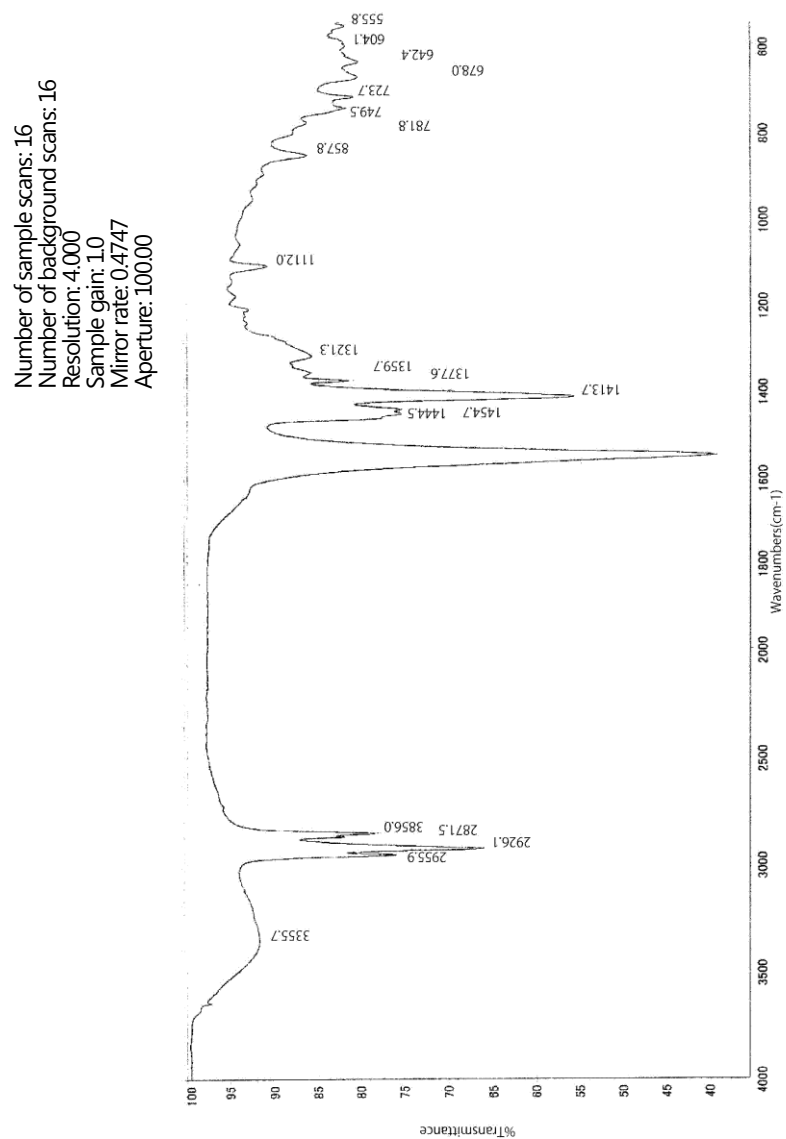


Fig. 5

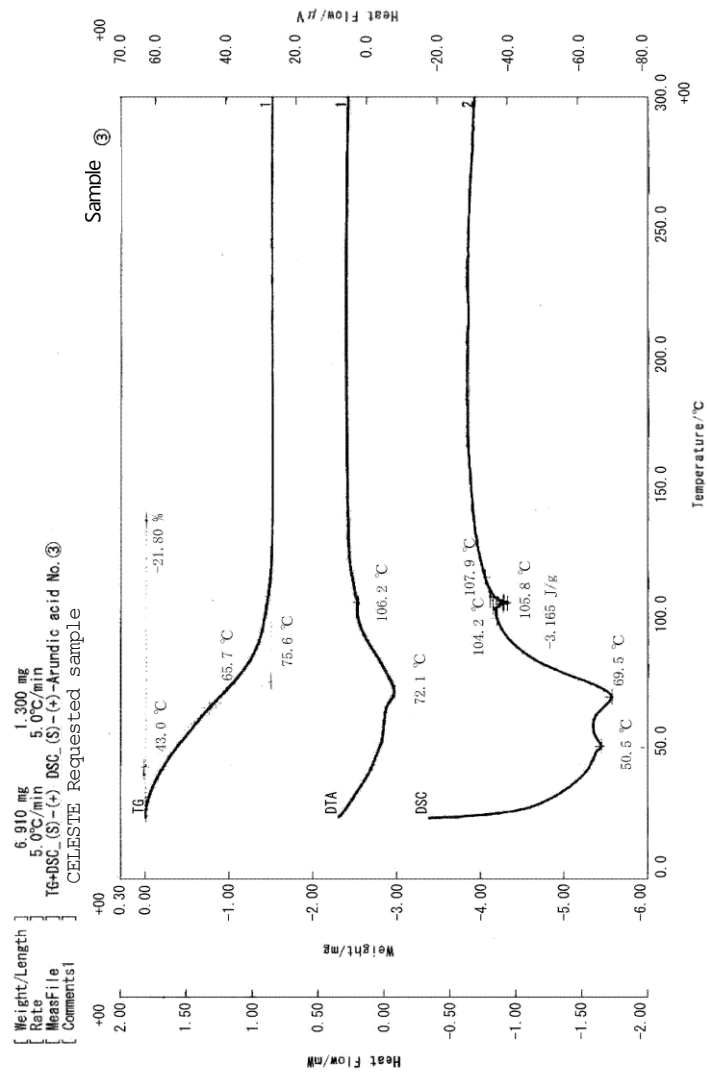


Fig. 6

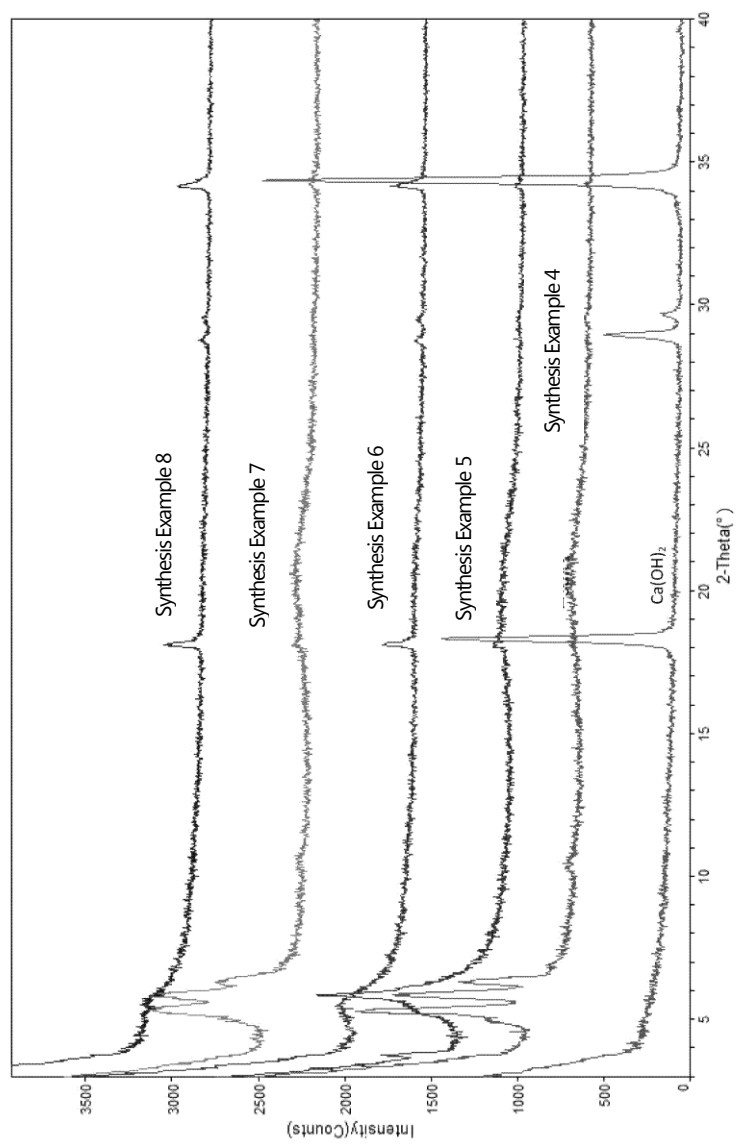


Fig. 7

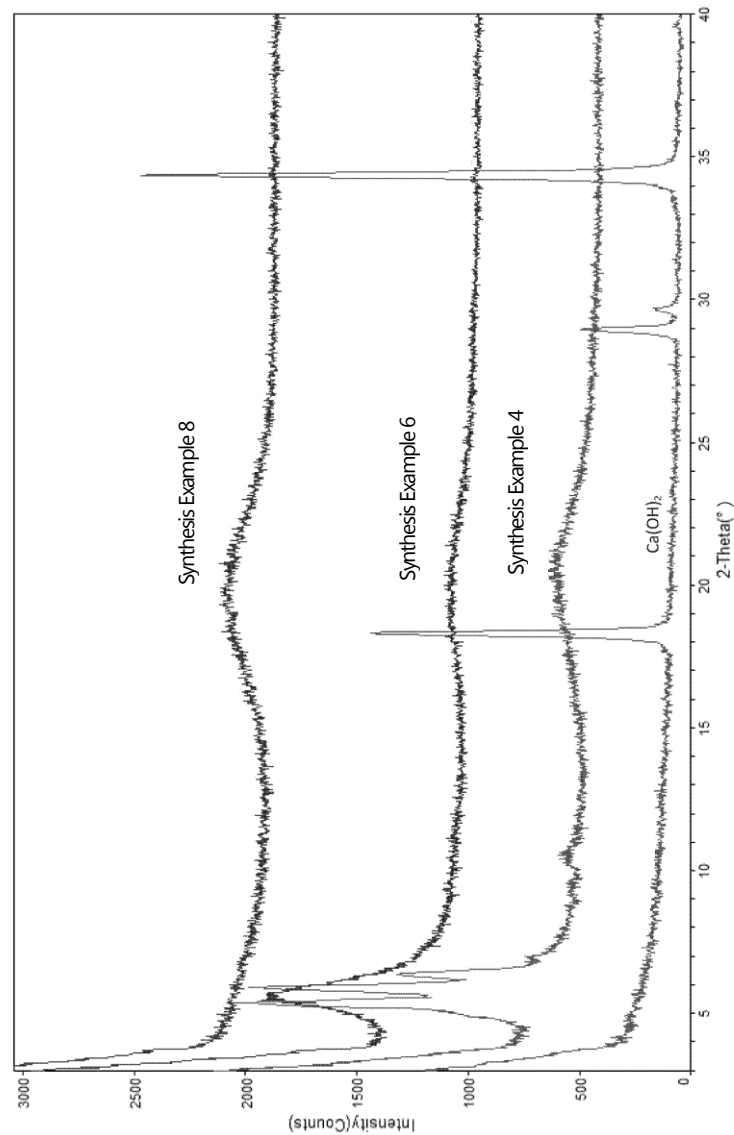


Fig. 8

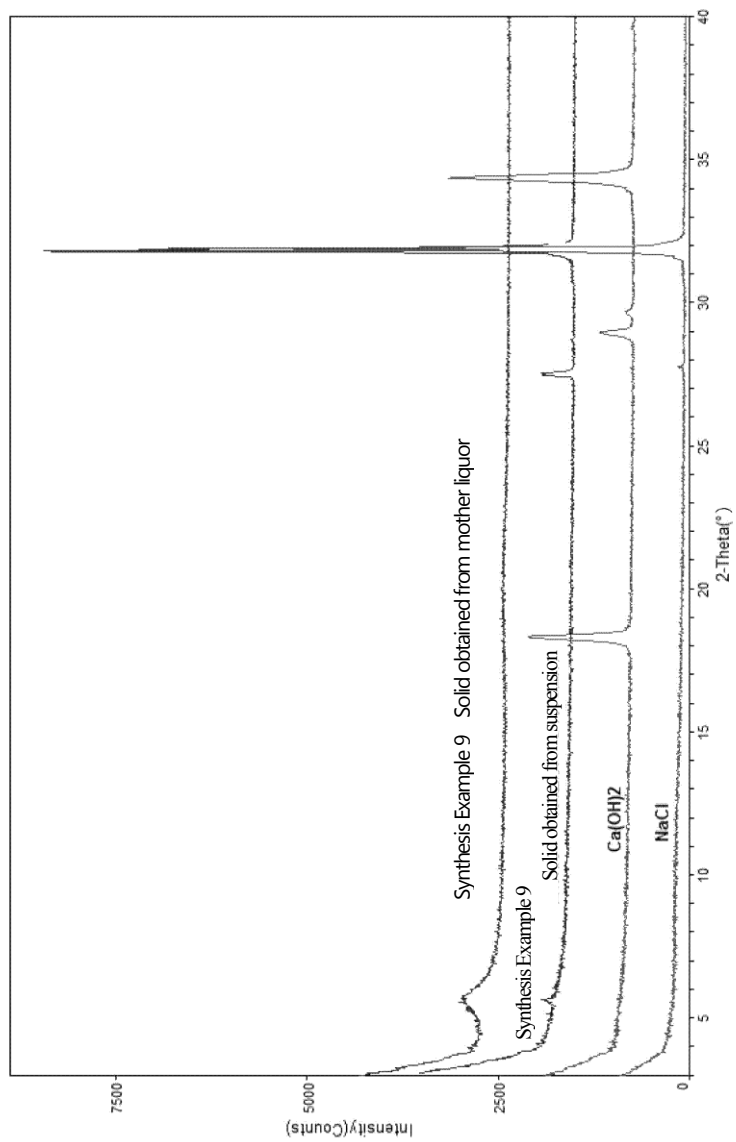


Fig. 9

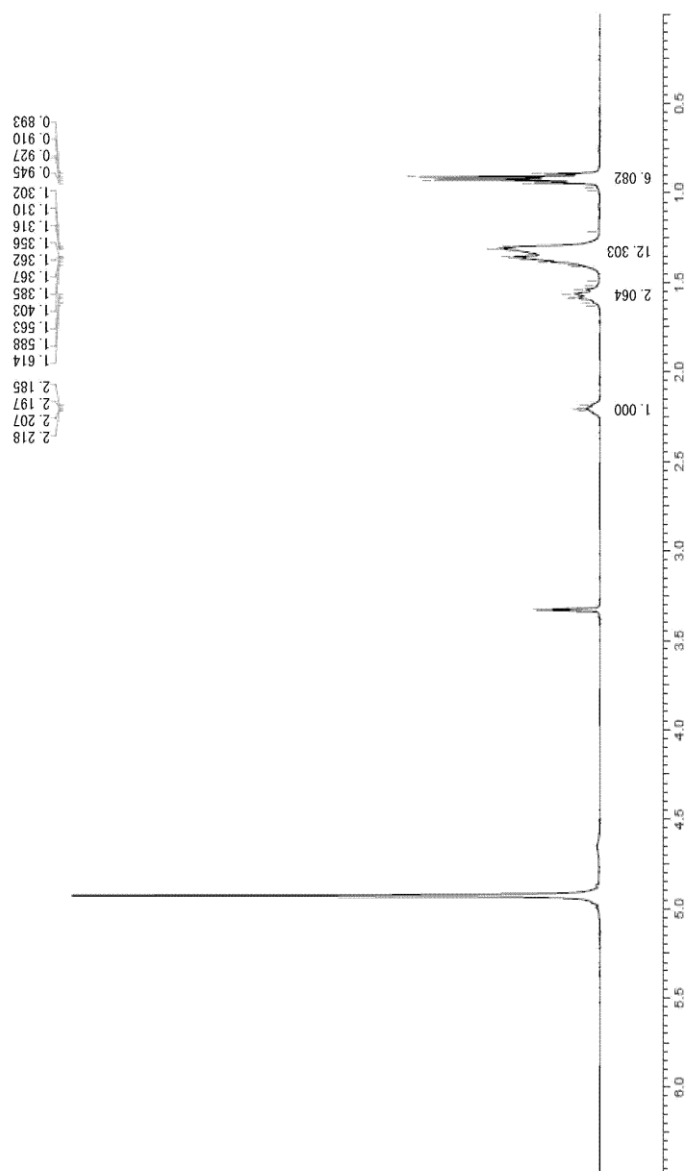


Fig. 10

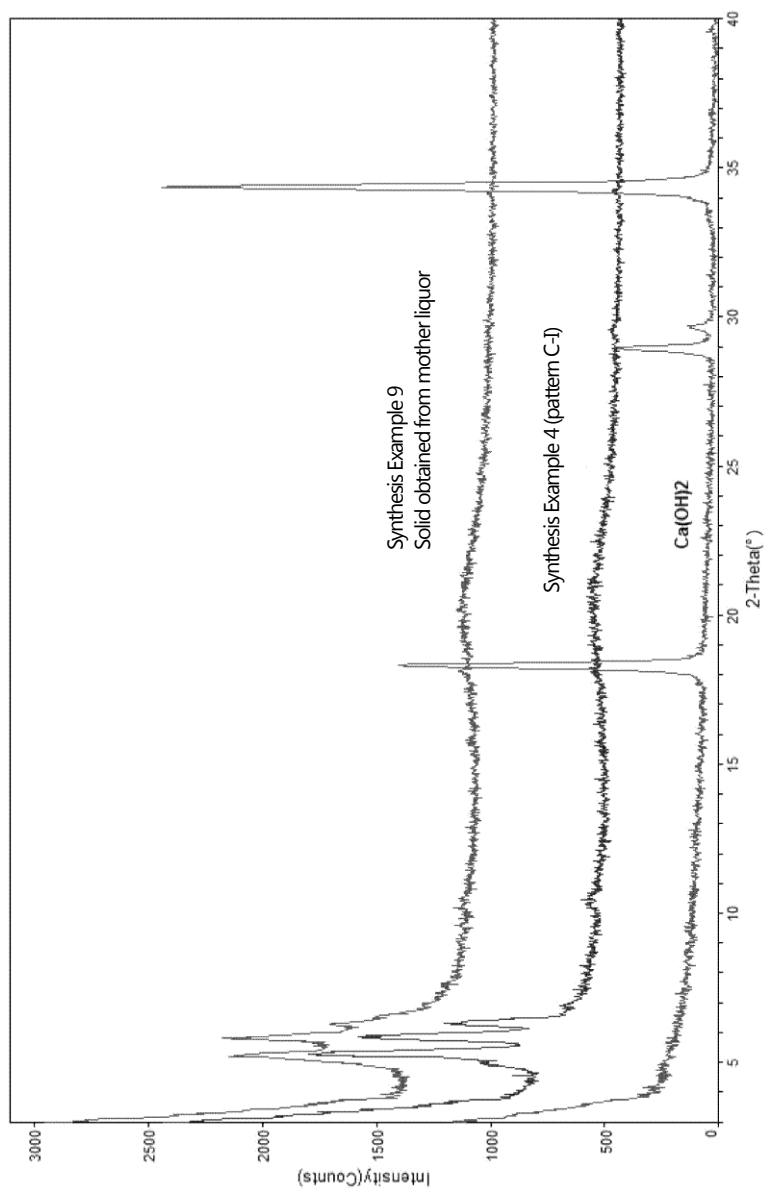


Fig. 11

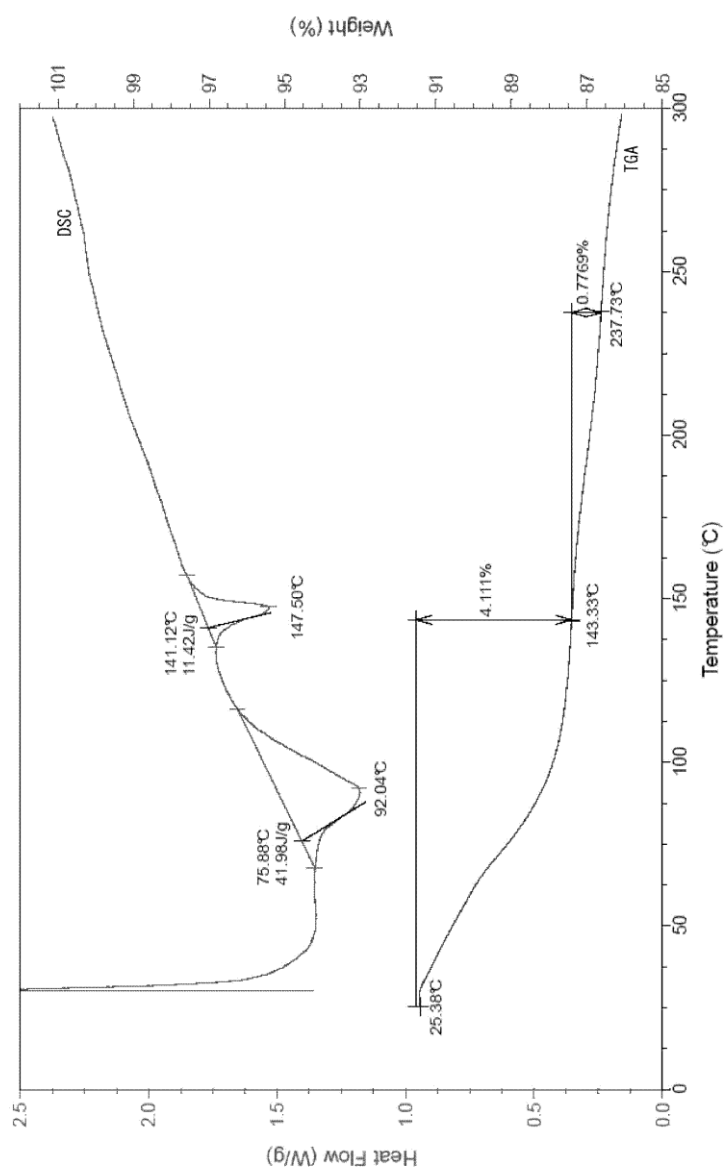


Fig. 12

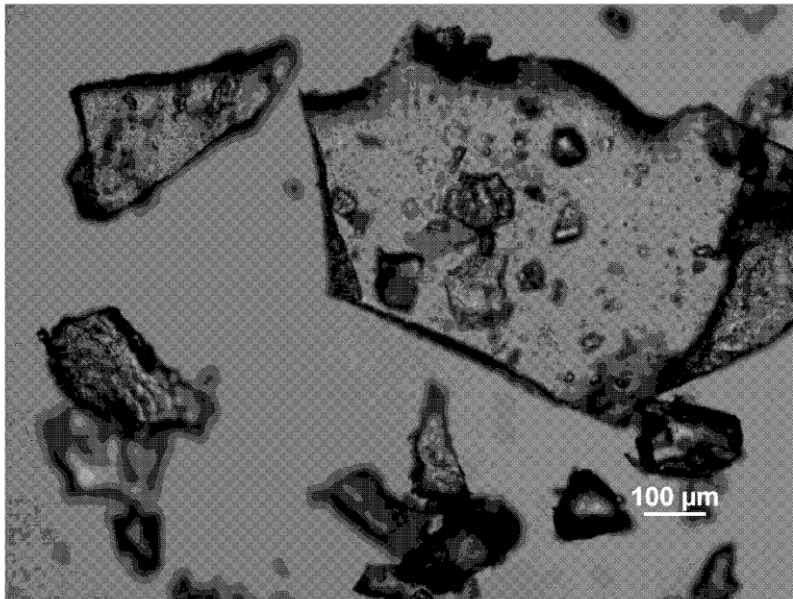


Fig. 13

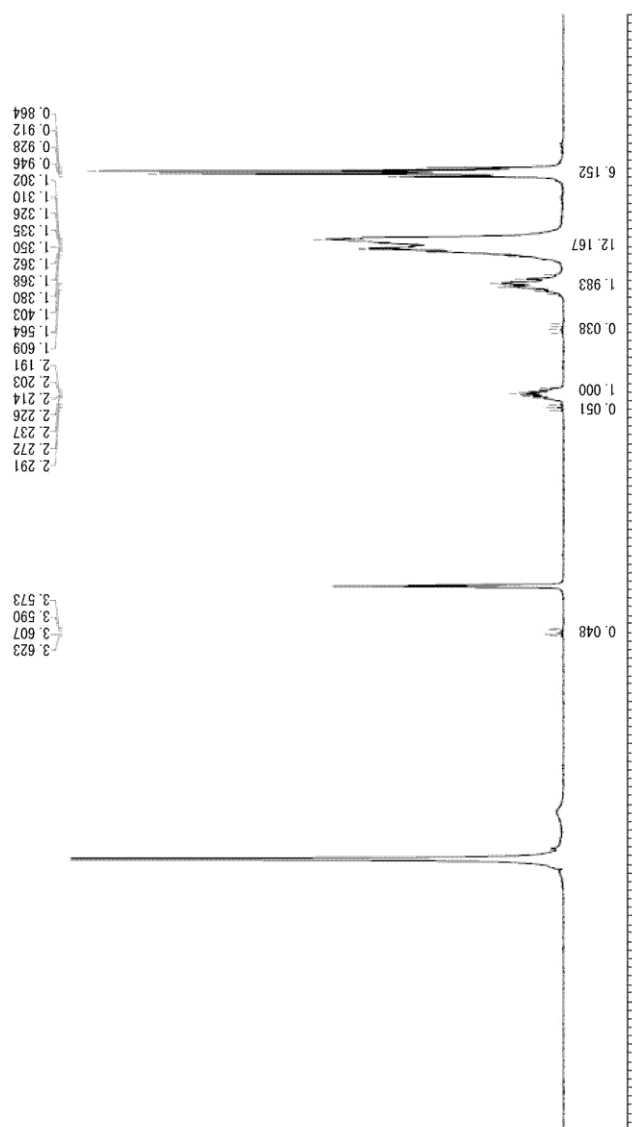


Fig. 14

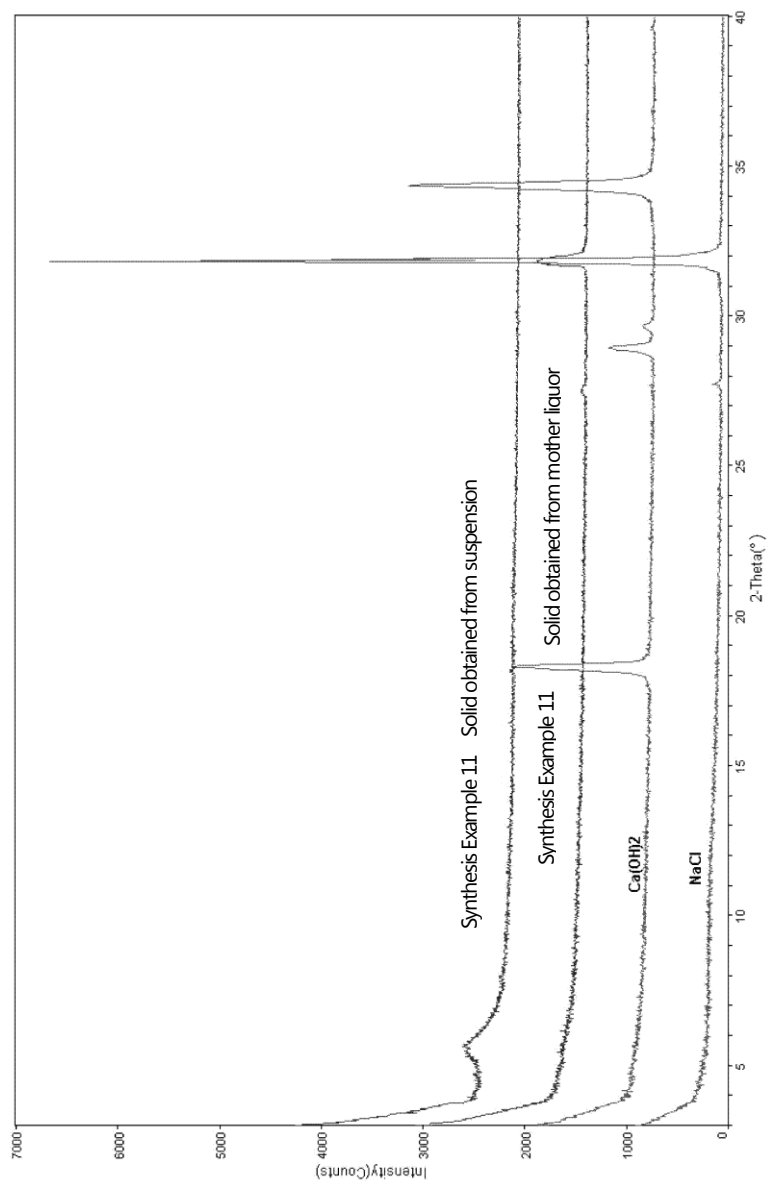


Fig. 15

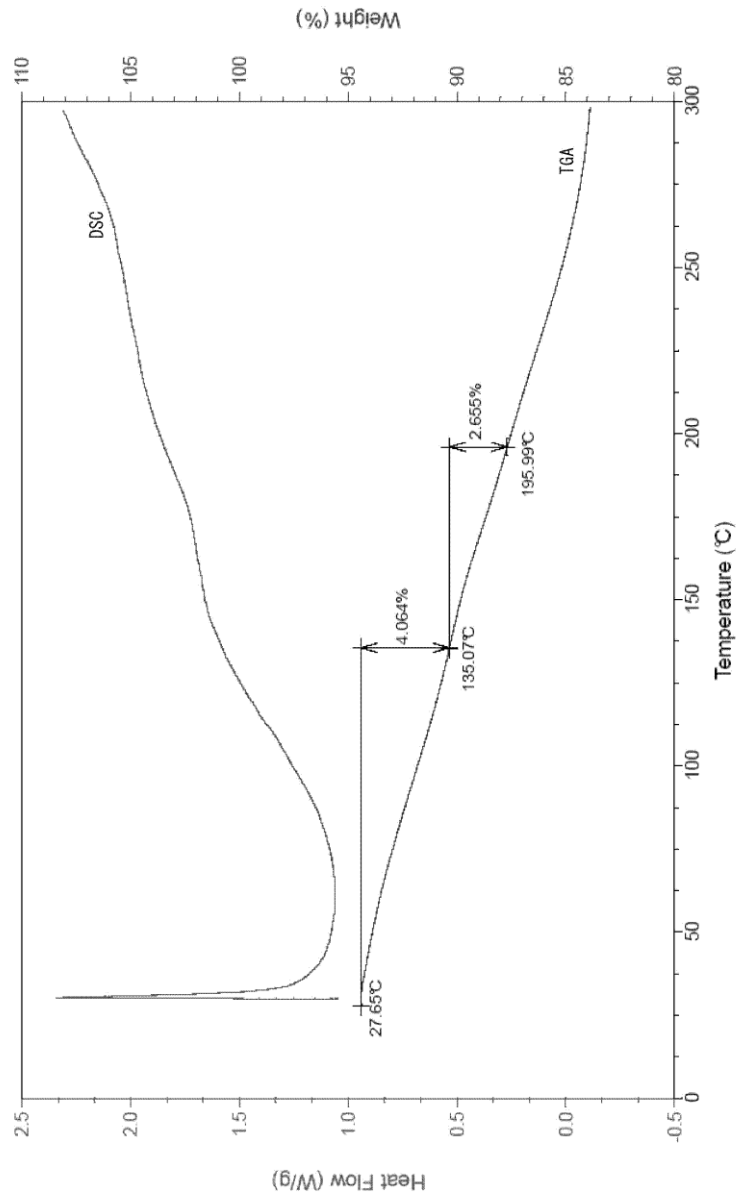


Fig. 16

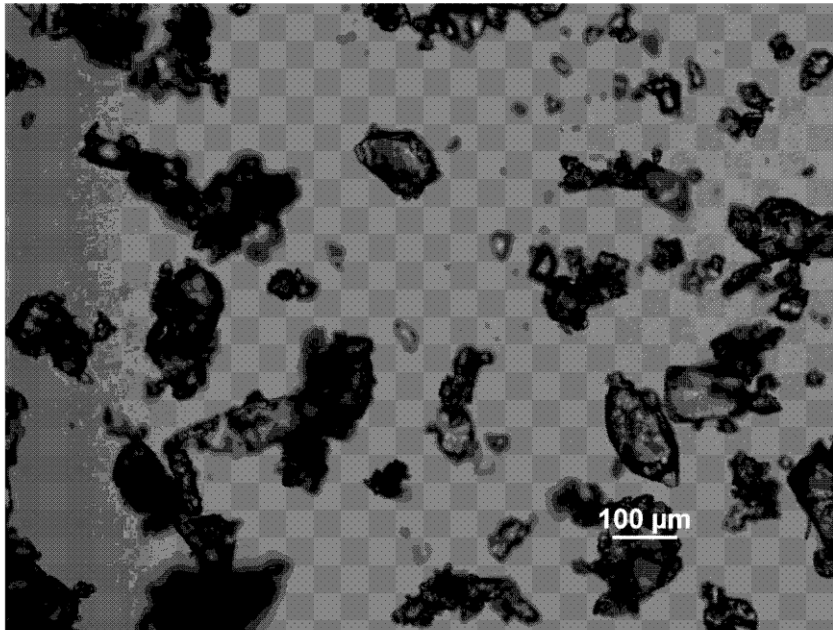


Fig. 17

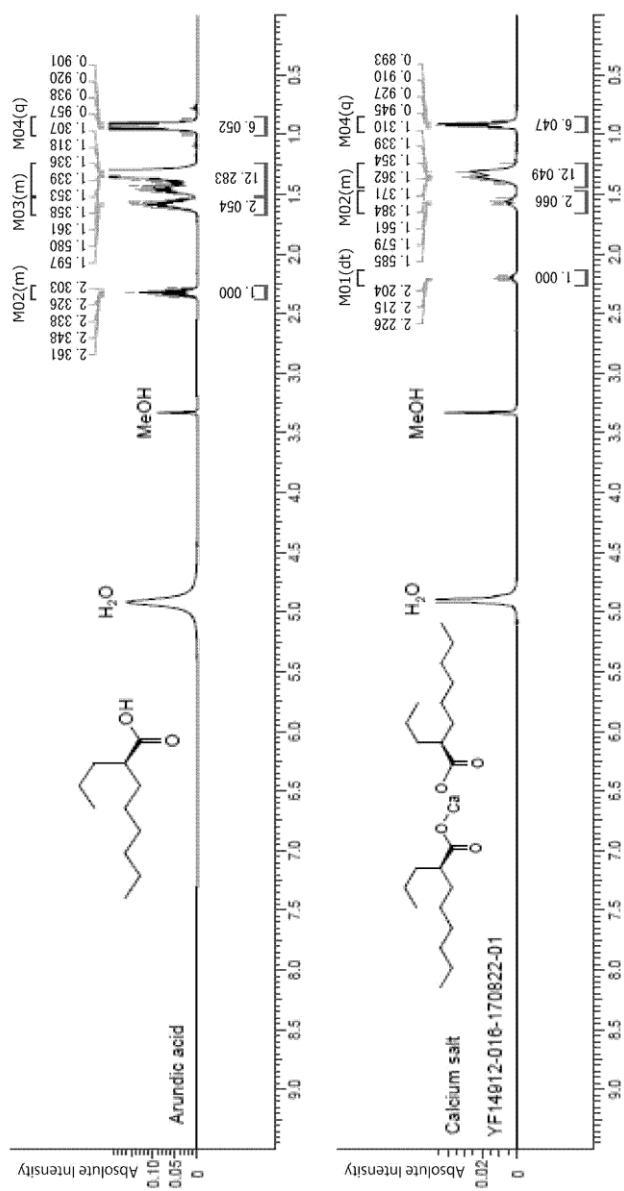


Fig. 18

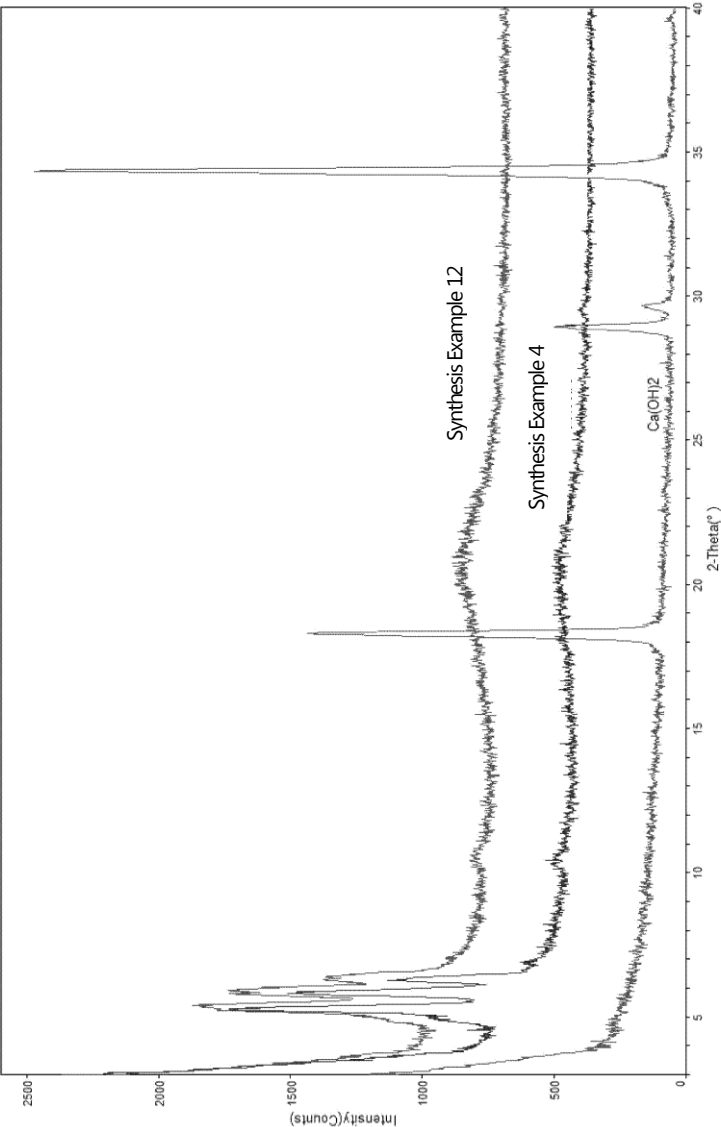


Fig. 19

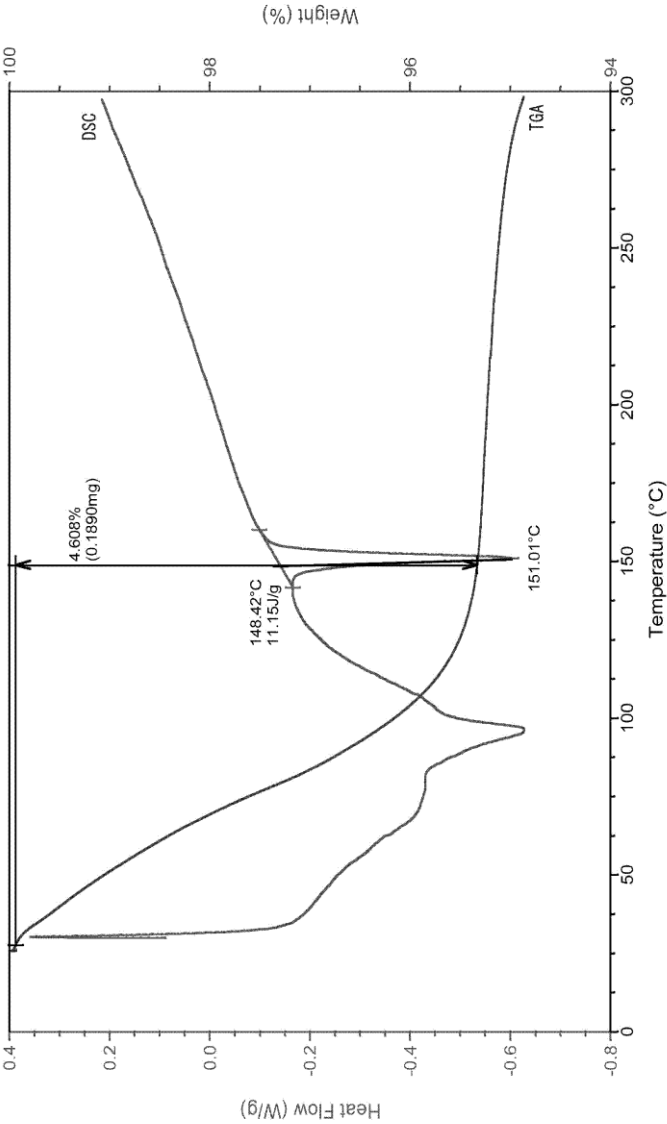


Fig. 20

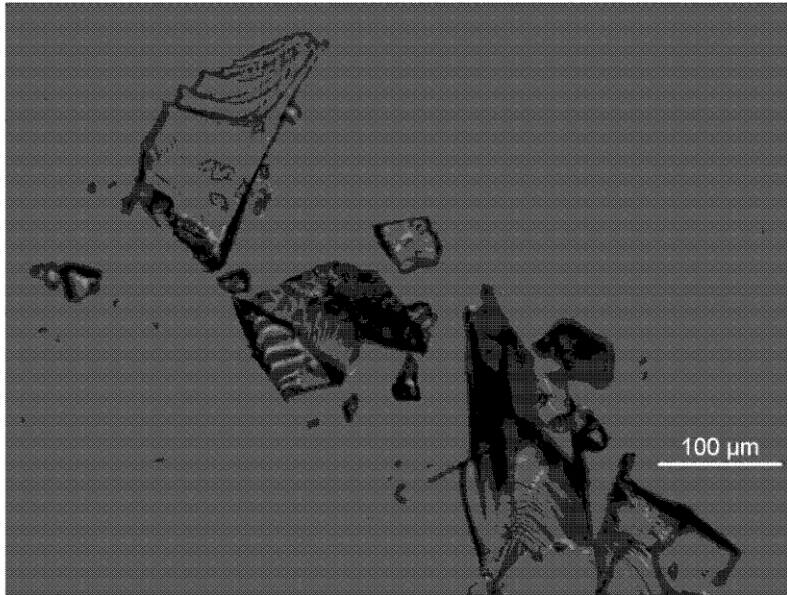


Fig. 21

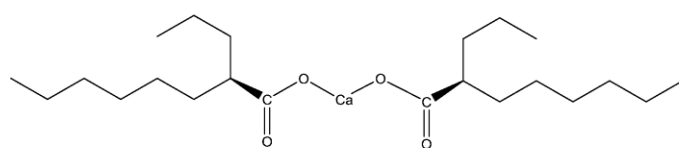


Fig. 22

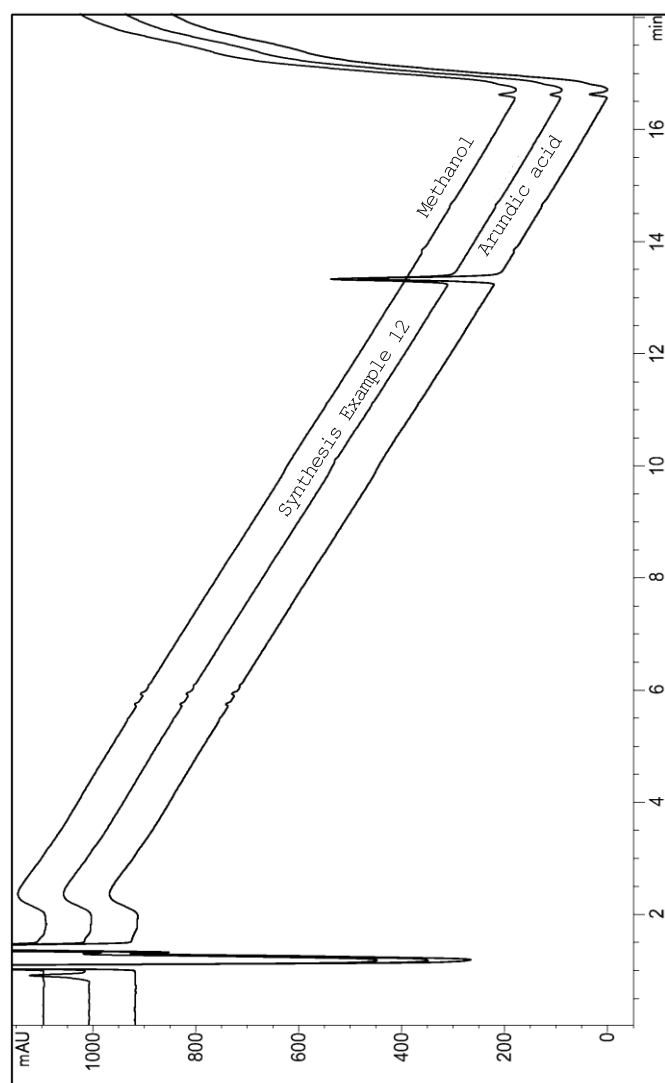


Fig. 23

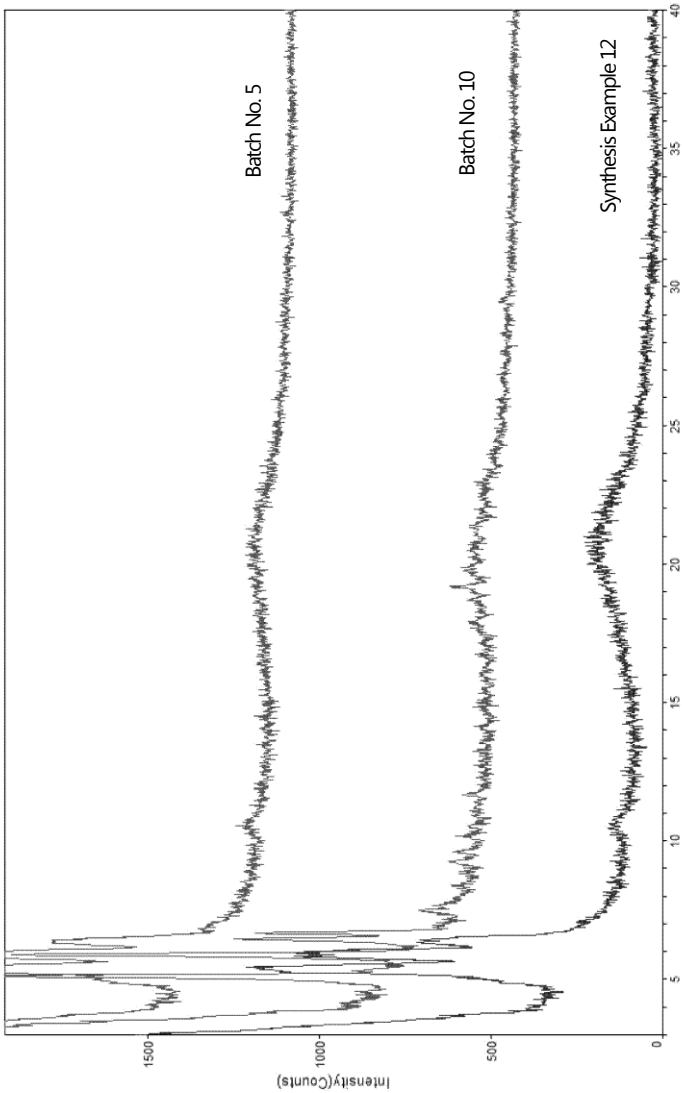


Fig. 24

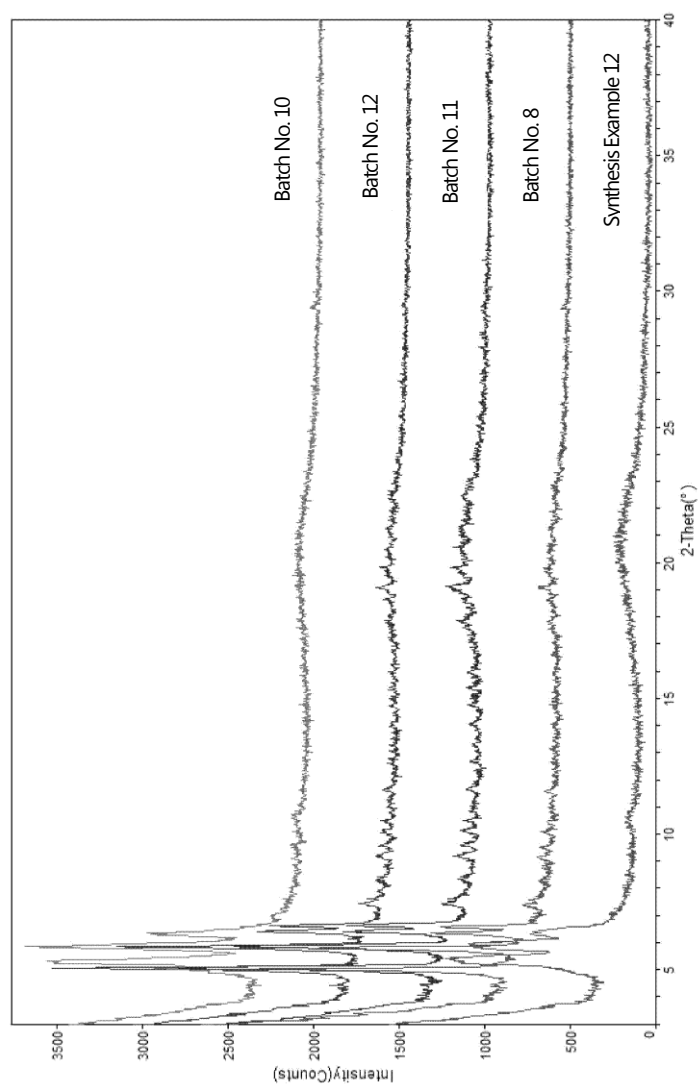


Fig. 25

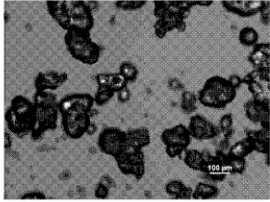
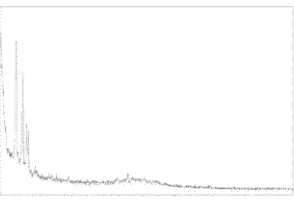
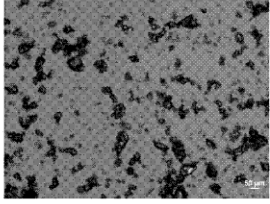
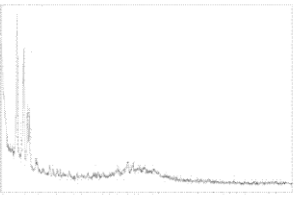
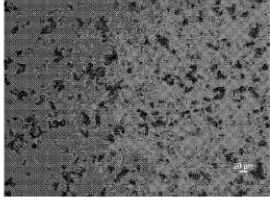
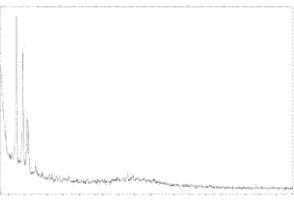
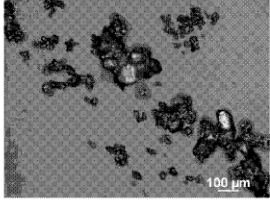
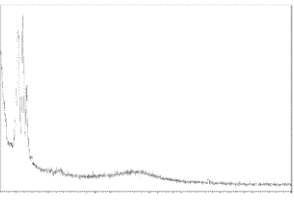
Item	Temp. (°C)	Time (hr)	PLM results	XRPD results	XRPD pattern
Slurry in water system	25	21			C-II
	35	65			C-II
	35	89			C-II
	50	42			C-I

Fig. 26

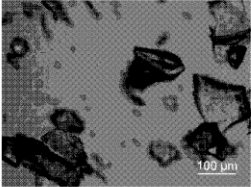
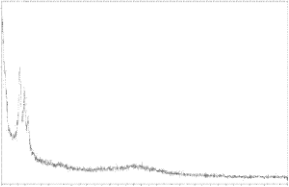
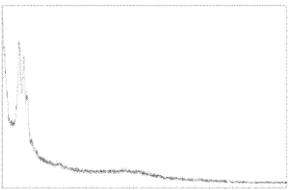
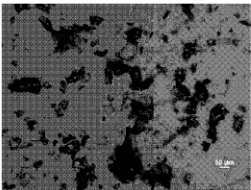
Temp. (°C)	Time (hr)	PLM results	XRPD results	XRPD pattern
60	19			C-I
80	19			C-I
60	91		N/A	N/A
80	91		N/A	N/A

Fig. 27

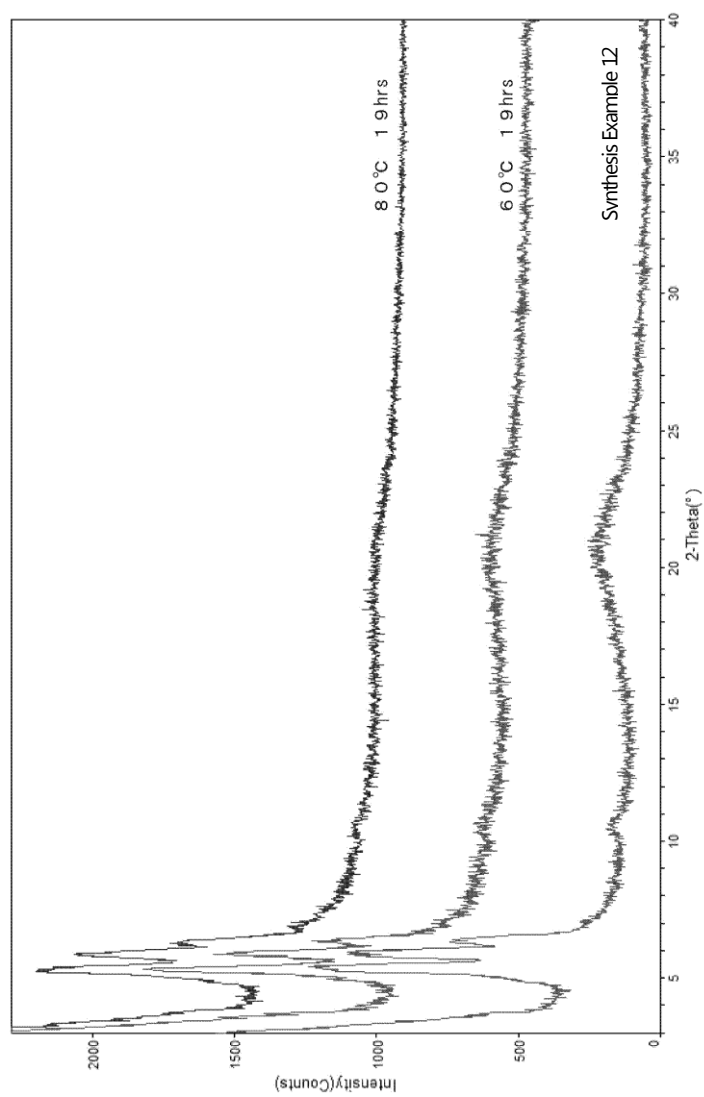


Fig. 28-1

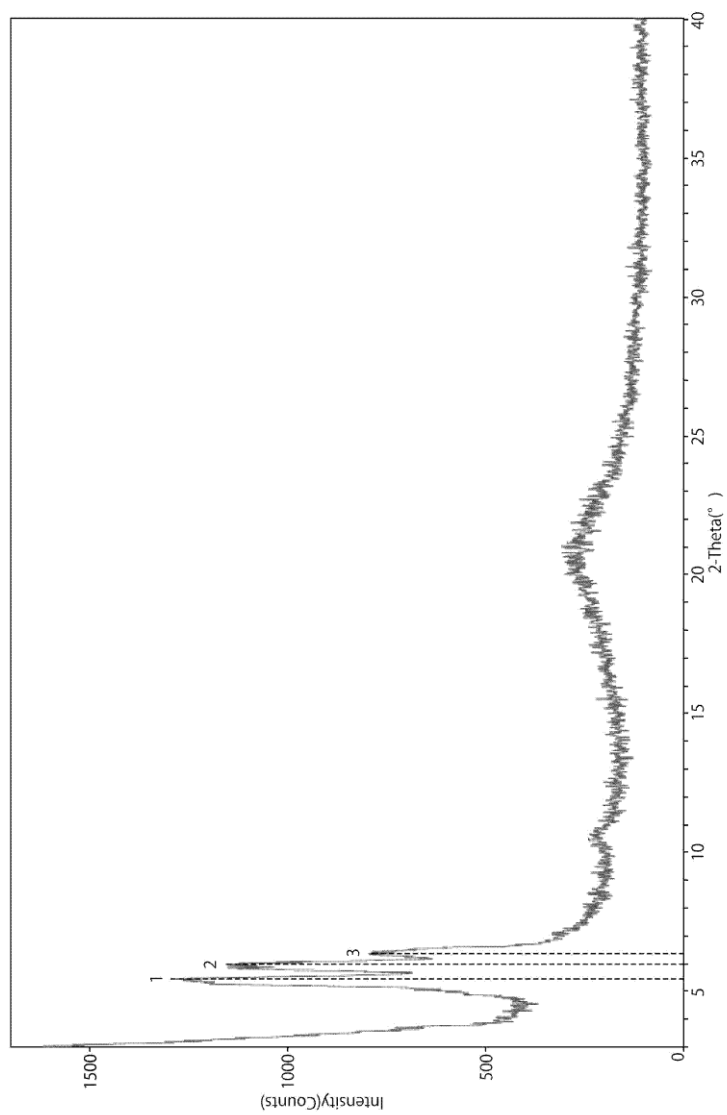


Fig. 28-2

Peak Search Report (3 Peaks, Max P/N = 10.6)

PEAK: 27-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	5.445	16.2176	558	735	100	17396	91.1	0.397
2	5.959	14.8191	436	719	97.8	19094	100	0.445
3	6.352	13.9031	272	522	71	11927	62.5	0.383

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum

Fig. 29-1

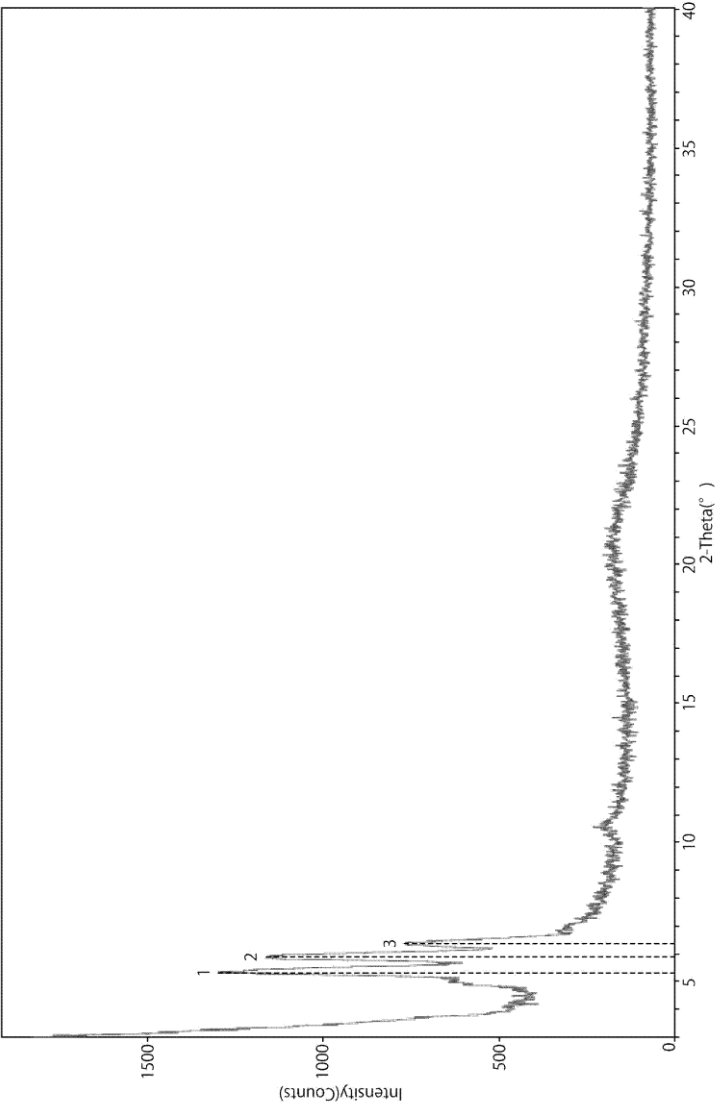


Fig. 29-2

Peak Search Report (3 Peaks, Max P/N = 11.3)

PEAK: 27-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	5.328	16.5727	489	812	100	16788	100	0.347
2	5.86	15.0692	421	744	91.6	15419	91.8	0.347
3	6.353	13.9007	252	515	63.4	10110	60.2	0.329

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum

Fig. 30-1

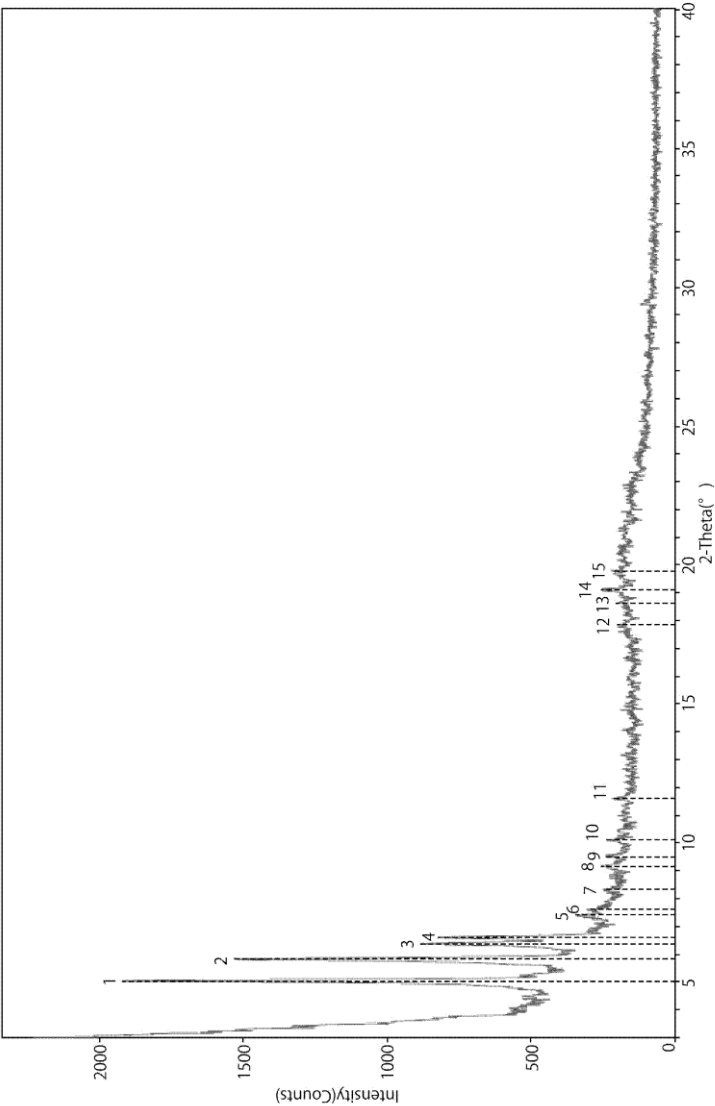


Fig. 30-2

Peak Search Report (15 Peaks, Max P/N = 16.9)

PEAK: 17-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	5.034	17.5394	442	1479	100	11728	100	0.133
2	5.819	15.1766	383	1146	77.5	9887	84.3	0.145
3	6.373	13.8566	353	528	35.7	4690	40	0.149
4	6.592	13.3973	320	500	33.8	3420	29.2	0.115
5	7.41	11.9201	233	108	7.3	1324	11.3	0.206
6	7.594	11.6318	226	76	5.1	1557	13.3	0.343
7	8.316	10.6239	196	50	3.4	353	3	0.118
8	9.173	9.6333	175	78	5.3	1170	10	0.251
9	9.511	9.2909	175	64	4.3	776	6.6	0.203
10	10.098	8.7524	165	69	4.7	527	4.5	0.128
11	11.594	7.6263	152	62	4.2	767	6.5	0.207
12	17.853	4.9643	142	54	3.7	1025	8.7	0.318
13	18.63	4.7587	155	46	3.1	383	3.3	0.14
14	19.127	4.6363	160	91	6.2	698	6	0.129
15	19.804	4.4793	168	50	3.4	580	4.9	0.194

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum

Fig. 31-1

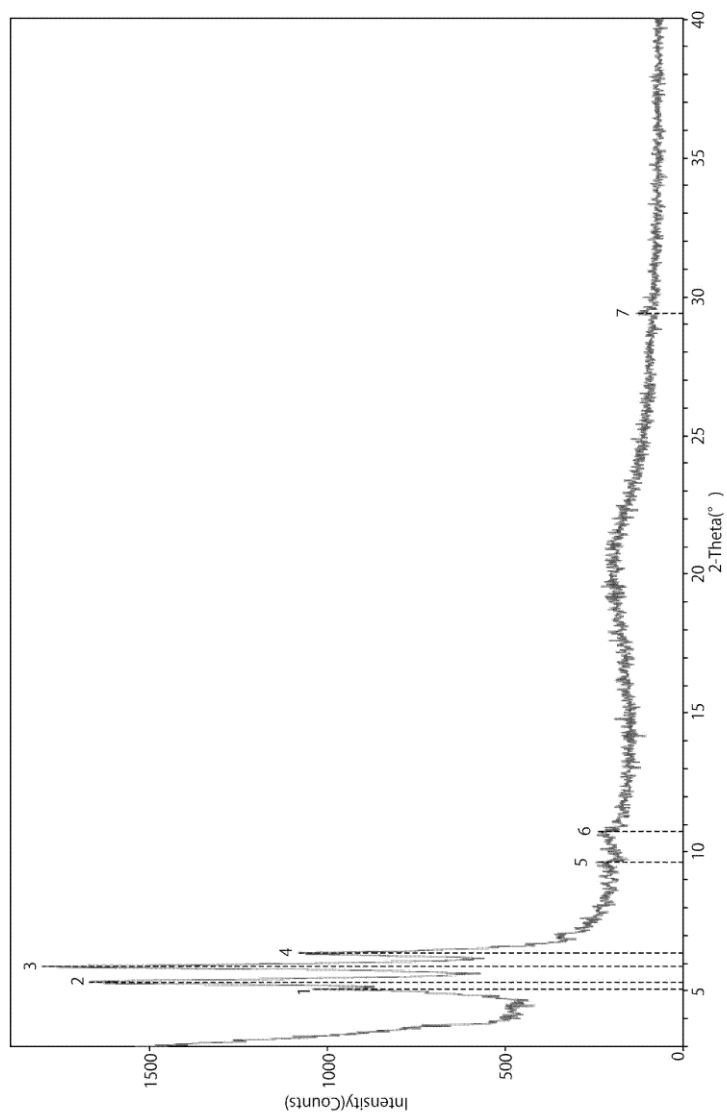


Fig. 31-2

Peak Search Report (7 Peaks, Max P/N = 14.4)

PEAK: 21-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	5.054	17.4719	557	484	39.5	4713	23.9	0.163
2	5.327	16.5758	544	1127	92	19714	100	0.293
3	5.877	15.0247	577	1225	100	13170	66.8	0.18
4	6.371	13.8608	271	809	66	13210	67	0.274
5	9.628	9.1782	183	60	4.9	346	1.8	0.097
6	10.727	8.2409	172	64	5.2	1422	7.2	0.373
7	29.391	3.0364	77	51	4.2	568	2.9	0.187

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum

Fig. 32-1

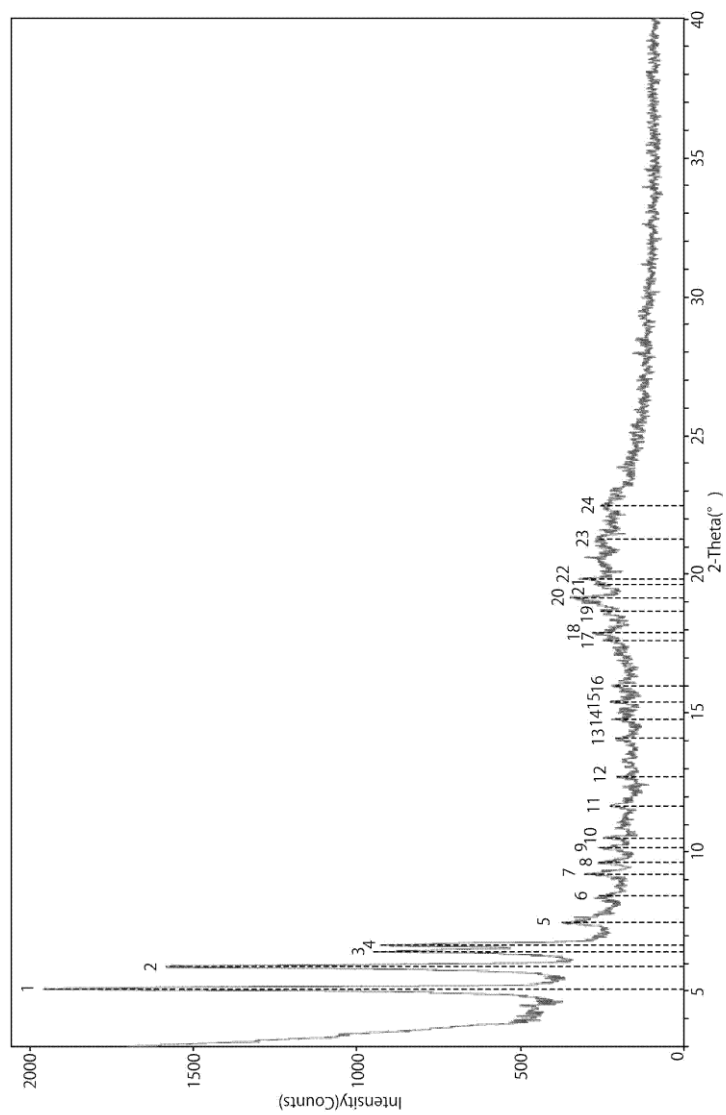


Fig. 32-2

Peak Search Report (24 Peaks, Max P/N = 17.6)

PEAK: 19-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	5.071	17.4103	399	1559	100	14540	100	0.156
2	5.862	15.0644	352	1230	78.9	12046	82.8	0.164
3	6.416	13.7645	319	627	40.2	6953	47.8	0.186
4	6.649	13.2818	290	636	40.8	6182	42.5	0.163
5	7.471	11.8225	223	147	9.4	2117	14.6	0.241
6	8.419	10.4938	197	59	3.8	665	4.6	0.189
7	9.216	9.5884	184	118	7.6	950	6.5	0.135
8	9.608	9.1973	176	84	5.4	456	3.1	0.091
9	10.157	8.702	169	88	5.6	698	4.8	0.133
10	10.514	8.4072	175	69	4.4	466	3.2	0.113
11	11.661	7.5823	161	61	3.9	605	4.2	0.166
12	12.717	6.9553	148	53	3.4	251	1.7	0.079
13	14.085	6.2825	146	60	3.8	578	4	0.162
14	14.779	5.9892	148	70	4.5	710	4.9	0.17
15	15.422	5.7407	161	60	3.8	636	4.4	0.178
16	15.996	5.5362	163	54	3.5	347	2.4	0.108
17	17.635	5.025	176	69	4.4	1918	13.2	0.466
18	17.889	4.9542	181	96	6.2	1636	11.3	0.286
19	18.684	4.7452	193	58	3.7	1108	7.6	0.32
20	19.167	4.6268	207	138	8.9	2861	19.7	0.348
21	19.631	4.5185	213	54	3.5	999	6.9	0.31
22	19.845	4.4701	220	98	6.3	1002	6.9	0.171
23	21.249	4.1779	216	51	3.3	855	5.9	0.281
24	22.47	3.9535	189	61	3.9	1832	12.6	0.504

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum

Fig. 33-1

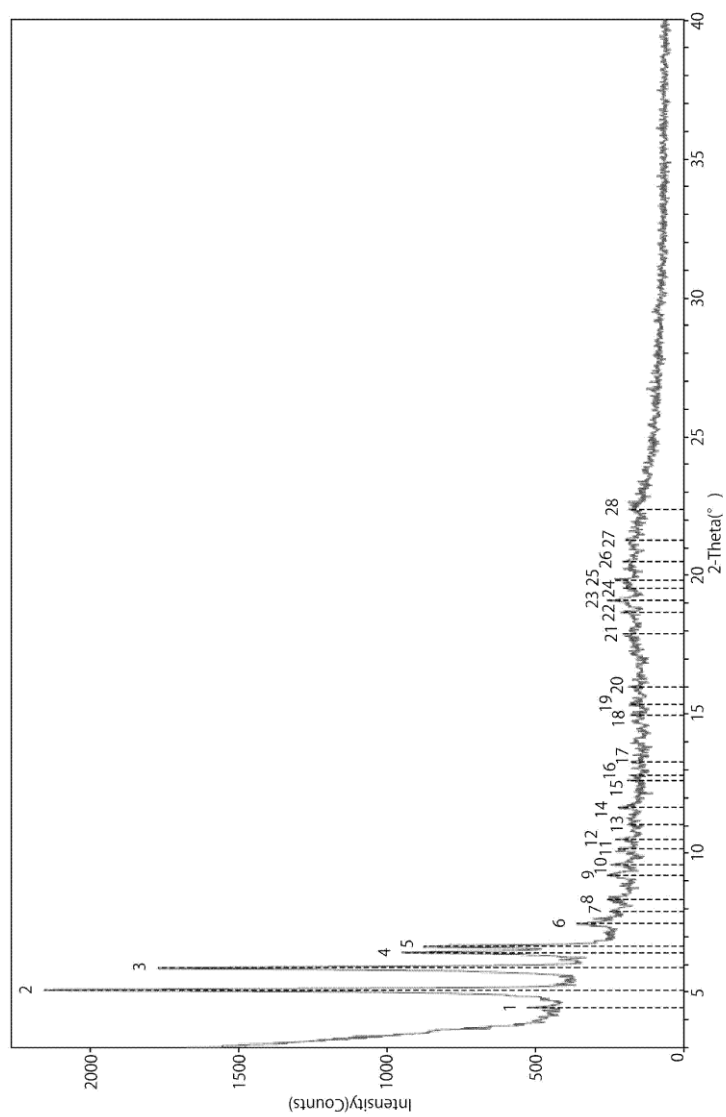


Fig. 33-2

Peak Search Report (28 Peaks, Max P/N = 18.8)

PEAK: 17-pts/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

No.	2-Theta	d(A)	BG	Height	Highest I%	Area	Area I%	FWHM
1	4.453	19.8277	442	83	4.7	440	3.3	0.089
2	5.072	17.4091	407	1749	100	13205	100	0.127
3	5.861	15.0675	368	1403	80.2	10396	78.7	0.124
4	6.43	13.7336	356	593	33.9	4518	34.2	0.128
5	6.634	13.313	328	546	31.2	2837	21.5	0.087
6	7.46	11.8408	229	127	7.3	1318	10	0.174
7	7.919	11.1558	213	33	1.9	151	1.1	0.072
8	8.33	10.6051	189	66	3.8	517	3.9	0.131
9	9.193	9.6117	168	85	4.9	1022	7.7	0.202
10	9.591	9.2141	159	83	4.7	810	6.1	0.164
11	10.144	8.7133	155	63	3.6	698	5.3	0.186
12	10.494	8.423	157	69	3.9	614	4.6	0.149
13	11.032	8.0133	155	31	1.8	421	3.2	0.214
14	11.655	7.5867	148	70	4	817	6.2	0.196
15	12.623	7.0067	133	54	3.1	418	3.2	0.13
16	12.799	6.911	138	42	2.4	374	2.8	0.149
17	13.287	6.6581	131	41	2.3	333	2.5	0.136
18	14.994	5.9038	130	45	2.6	424	3.2	0.158
19	15.336	5.7727	134	48	2.7	939	7.1	0.328
20	15.996	5.5359	136	48	2.7	658	5	0.23
21	17.889	4.9542	144	58	3.3	1633	12.4	0.472
22	18.665	4.75	151	58	3.3	734	5.6	0.212
23	19.096	4.6437	151	103	5.9	904	6.8	0.147
24	19.553	4.5361	155	45	2.6	706	5.3	0.263
25	19.856	4.4678	151	78	4.5	1712	13	0.368
26	20.501	4.3287	159	44	2.5	831	6.3	0.298
27	21.295	4.169	150	43	2.5	706	5.3	0.275
28	22.386	3.9682	138	46	2.6	582	4.4	0.2

d(A) = d spacing(A), BG = back ground signal, Height = peak height

I% = percentage compared with the highest area, FWHM = full width at half maximum