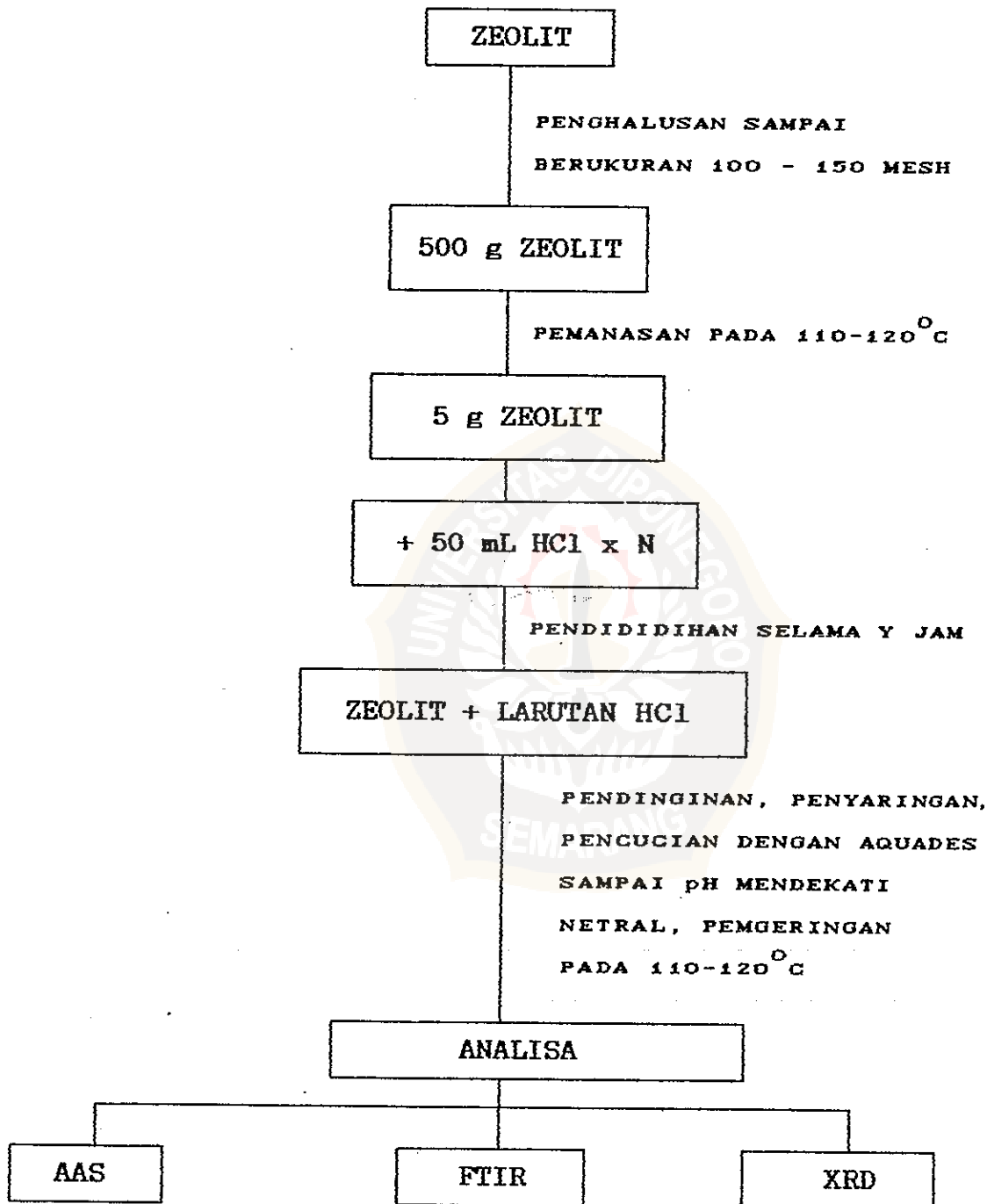


Lampiran 1

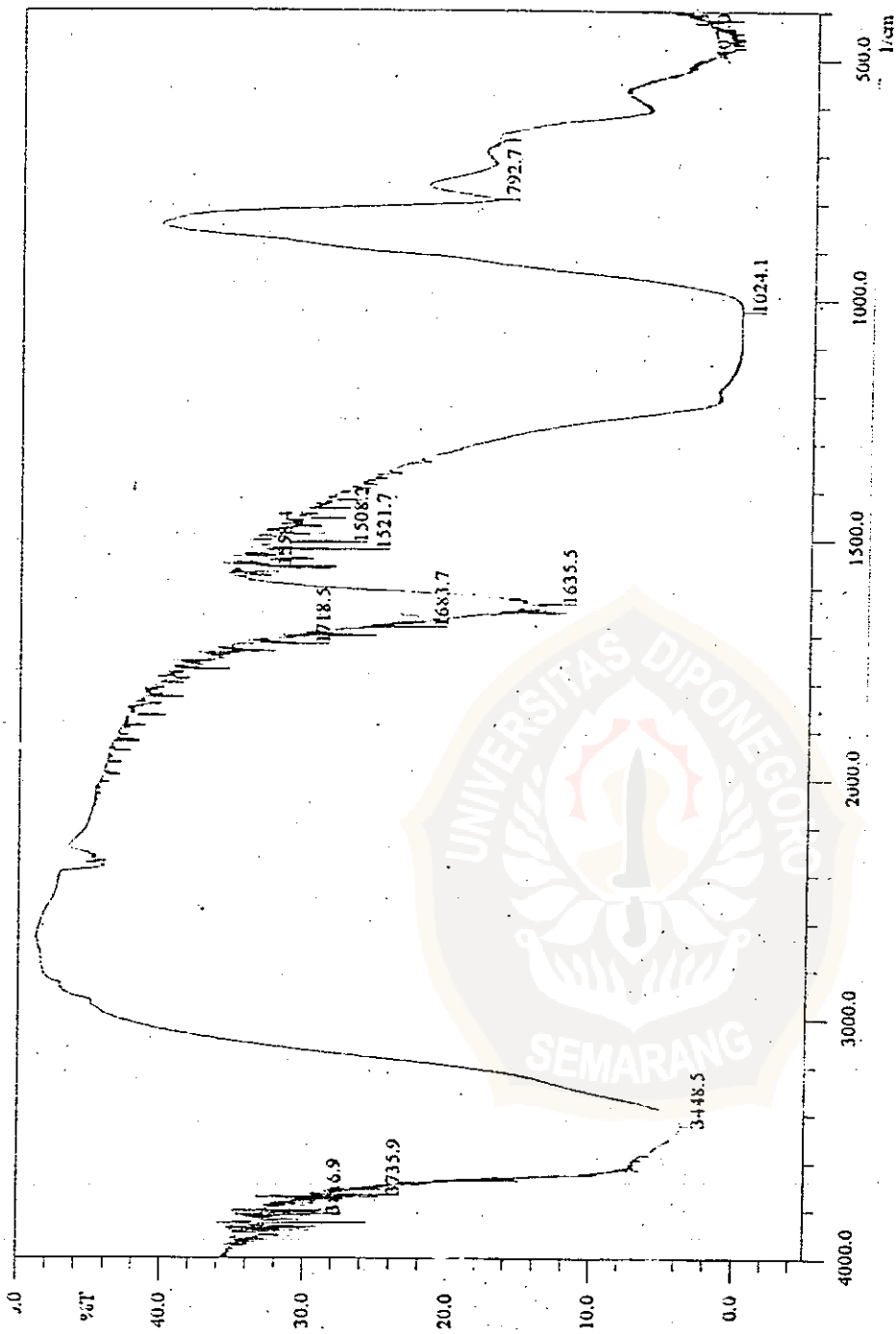
SKEMA KERJA



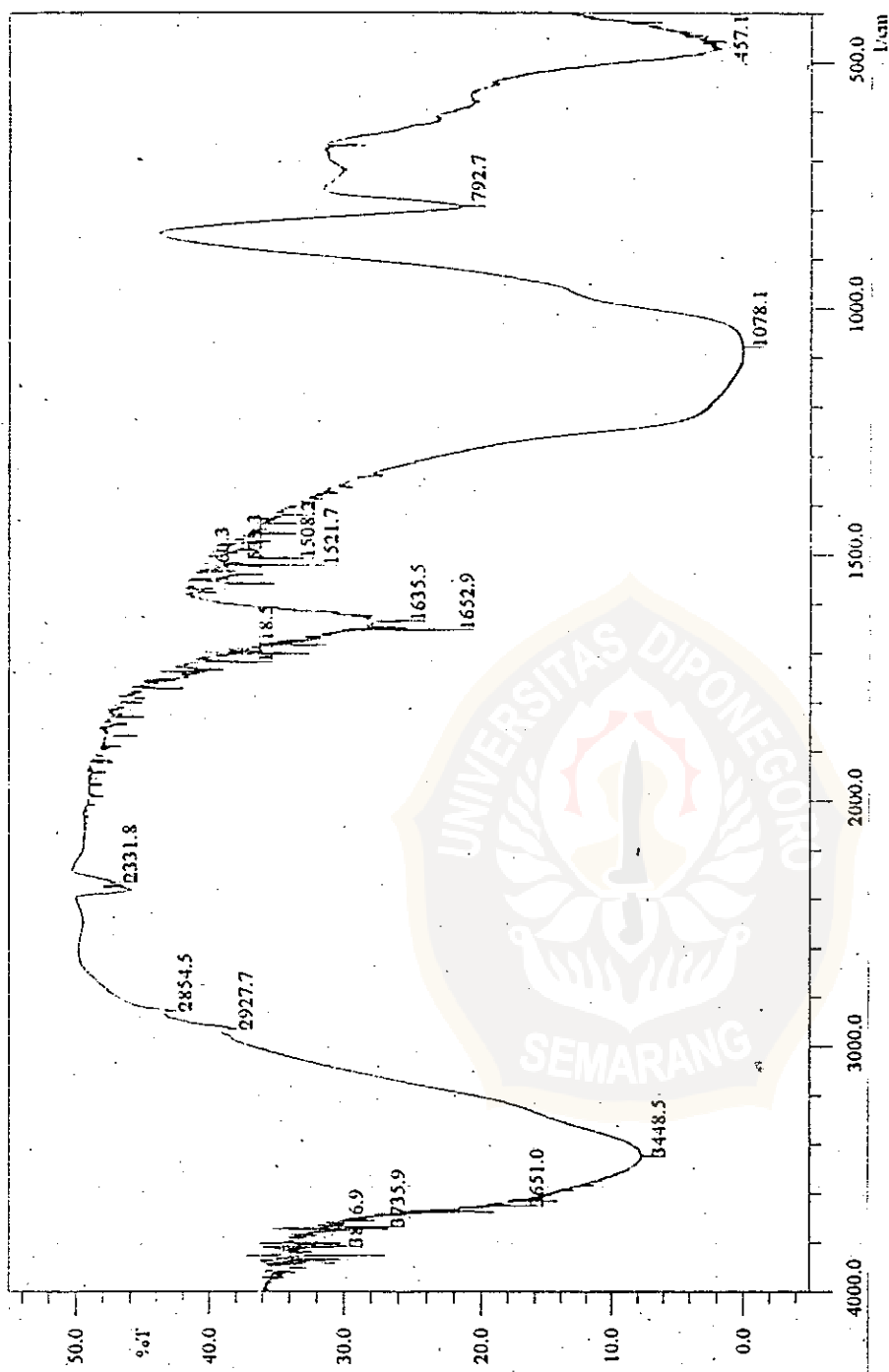
X : VARIASI KONSENTRASI HCL : 1N, 2N, 3N, 4N, 5N, 6N.

Y : VARIASI WAKTU PENDIDIHAN : 2 - 6 JAM

Lampiran 2

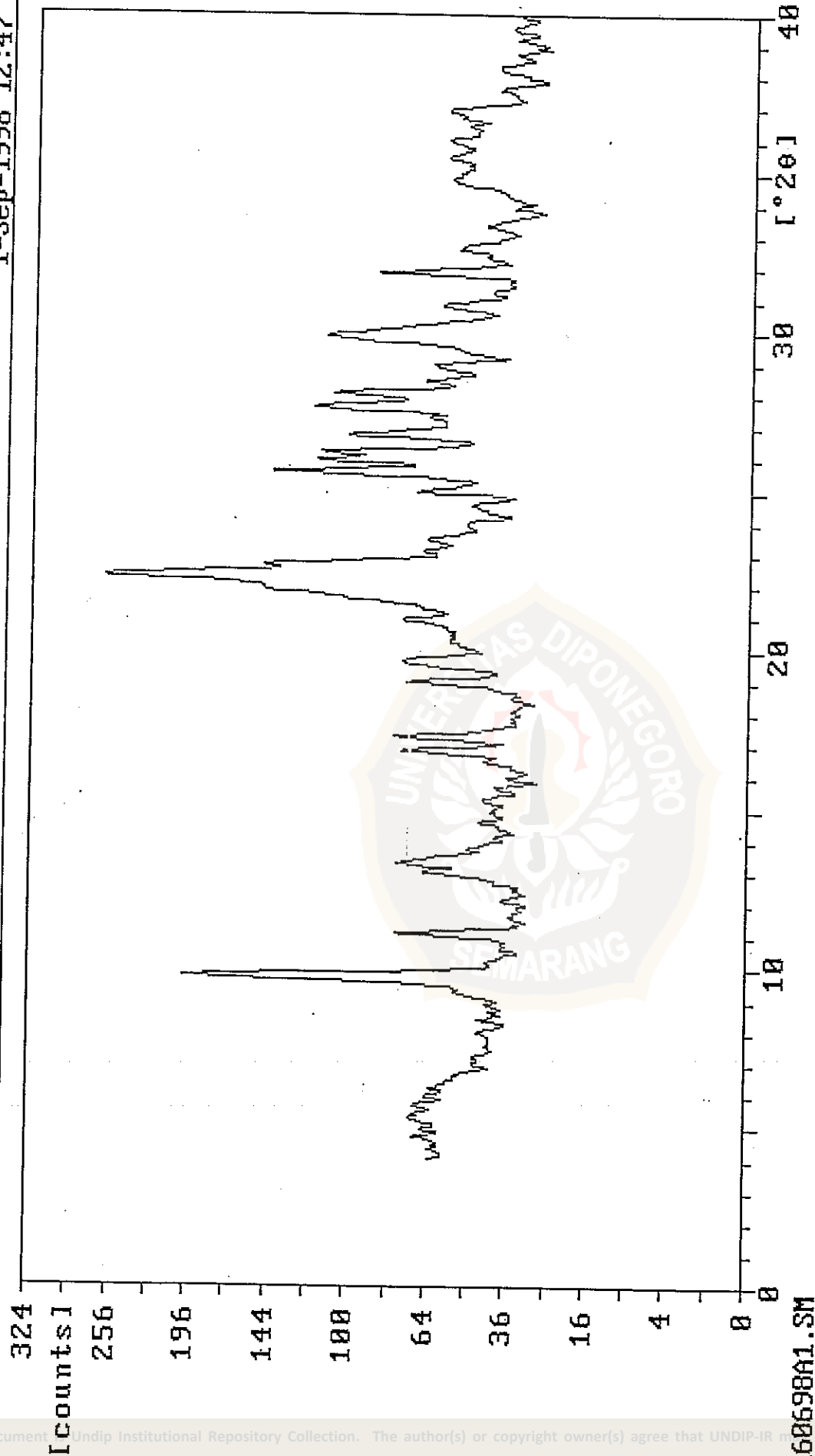


Gambar 4. Spektogram IR Zeolit sebelum Perlakuan



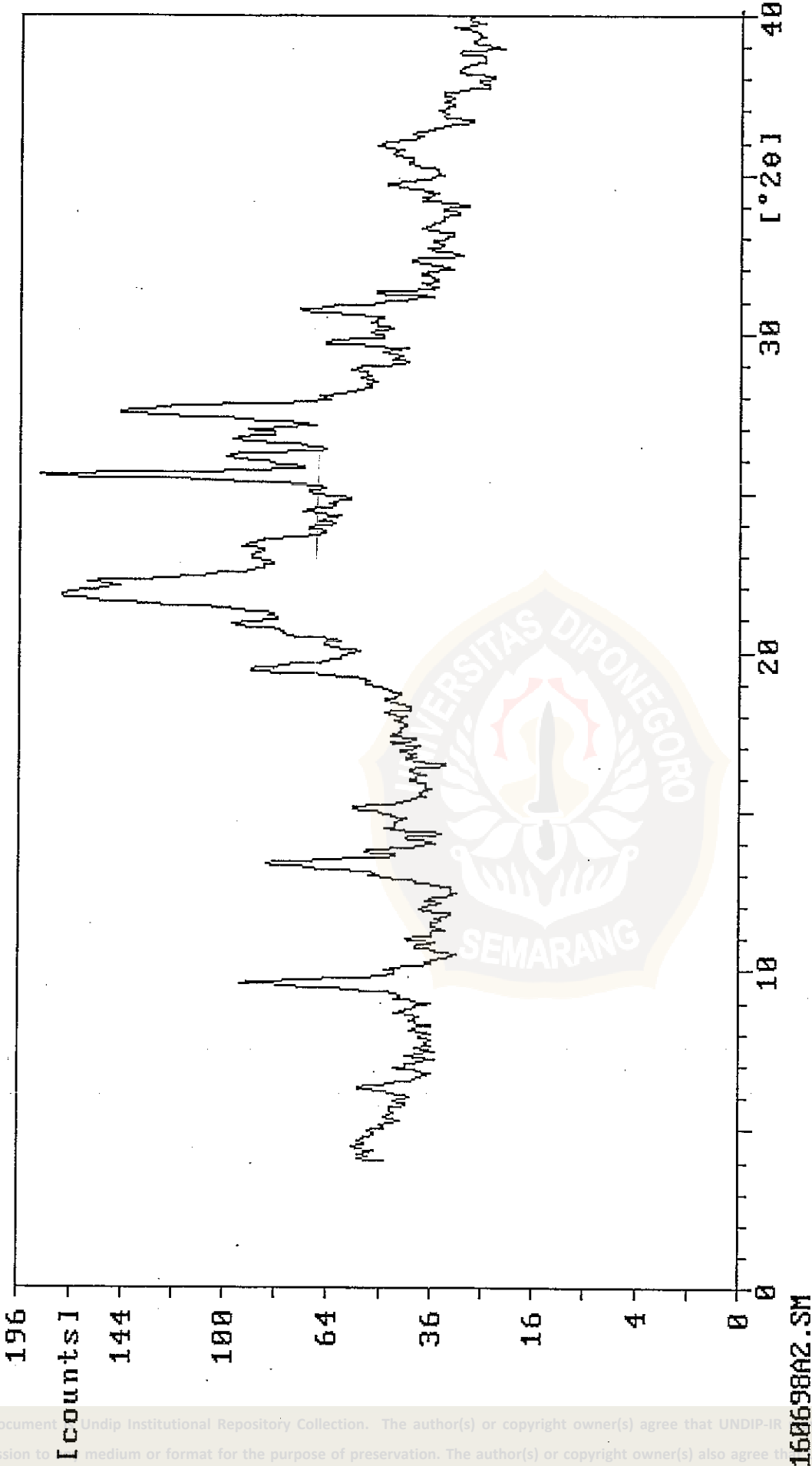
Gambar 5. Spektogram IR Zeolit sesudah Perlakuan

Lampiran 4



Gambar 6. Difraktogram XRD Zeolit sebelum Perlakuan

Lampiran 5



Gambar 7. Difraktogram XRD Zeolit sesudah Perlakuan

Lampiran 6

Tabel 5. Hasil Analisa Difraksi Sinar X untuk Zeolit
sebelum Terdealuminasi

sudut (2θ)	d (Å°)	Lebar Puncak	Inten. Puncak	Inten. relatif
9,780	9,0363	0,080	154	65,7
11,135	7,9395	0,200	42	18,0
13,380	6,6120	0,240	35	14,9
16,900	5,2419	0,100	42	18,0
17,300	5,1216	0,160	48	20,3
19,010	4,6646	0,160	45	19,2
19,690	4,5050	0,360	46	19,8
20,975	4,2318	0,160	45	19,2
22,320	3,9798	0,240	234	100,0
22,695	3,9148	0,120	117	49,8
25,030	3,5547	0,060	56	24,0
25,635	3,4721	0,080	159	67,8
26,005	3,4236	0,120	92	39,4
26,255	3,3915	0,120	83	35,4
26,765	3,3281	0,160	66	28,0
27,655	3,2229	0,200	83	35,4
28,100	3,1729	0,200	74	31,6
28,920	3,0848	0,160	31	13,4
29,855	2,9903	0,400	79	33,8
30,790	2,9016	0,200	29	12,5
31,905	2,8026	0,140	50	21,5
32,665	2,7392	0,320	22	9,4
33,380	2,6821	0,240	14	5,8
34,720	2,5816	0,320	25	10,7
36,985	2,4285	0,200	28	12,0
38,305	2,3478	0,320	10	4,4

Lampiran 7

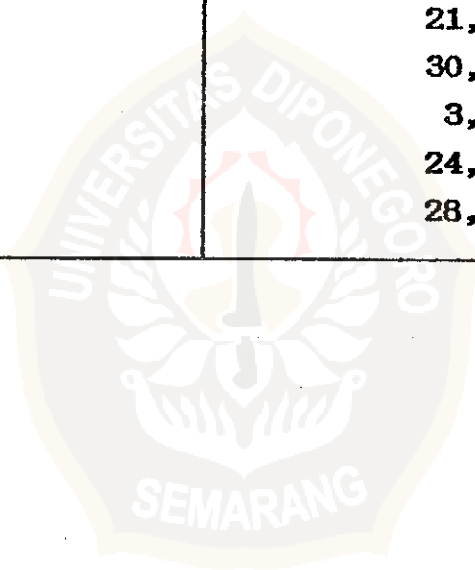
Tabel 6. Hasil Analisa Difraksi Sinar X untuk Zeolit
sesudah Terdealuminasi

Sudut (2θ)	d (Å°)	Lebar Puncak	Inten. Puncak	Inten. relatif
4,350	20,3430	0,800	15	10,4
6,310	13,9956	0,240	17	11,5
9,620	9,1862	0,160	58	39,5
12,000	7,3691	0,480	4	3,0
13,375	6,6145	0,280	53	36,4
15,105	5,8606	0,240	20	13,8
19,420	4,5670	0,160	44	29,8
20,915	4,2438	0,160	55	37,4
21,720	4,0883	0,400	125	85,7
22,215	3,9983	0,120	125	85,7
23,280	3,8178	0,480	49	33,5
25,570	3,4808	0,120	146	100,0
26,235	3,3941	0,200	53	36,4
26,700	3,3360	0,240	64	43,7
27,530	3,2373	0,200	110	75,3
29,750	3,0006	0,240	28	19,2
30,760	2,9042	0,200	35	23,8
31,315	2,8541	0,120	17	11,5
34,710	2,5823	0,240	16	10,9
35,975	2,4944	0,640	16	10,9

Lampiran 8

Tabel 7. Hasil Analisa FTIR untuk Zeolit Sebelum Terdealuminasi

Bil. Gelombang (1/cm)	Intensitas (%T)
407,0	2,797
792,7	17,277
1024,1	0,014
1508,2	27,567
1521,7	27,239
1558,4	28,169
1635,5	12,997
1683,7	21,914
1718,5	30,119
3448,5	3,515
3735,9	24,817
3816,9	28,997



Lampiran 9

Tabel 8. Hasil Analisa FTIR untuk Zeolit Sesudah Terdealuminasi

Bil. Gelombang (1/cm)	Intensitas (%T)
457,1	1,511
792,7	21,553
1078,1	0,019
1508,2	33,940
1521,7	33,585
1533,3	37,830
1560,3	35,157
1635,5	25,872
1652,9	22,333
1718,5	37,008
2331,8	47,216
2854,5	43,135
2927,7	38,501
3448,5	7,551
3651,0	17,067
3735,9	27,246
3816,9	30,328