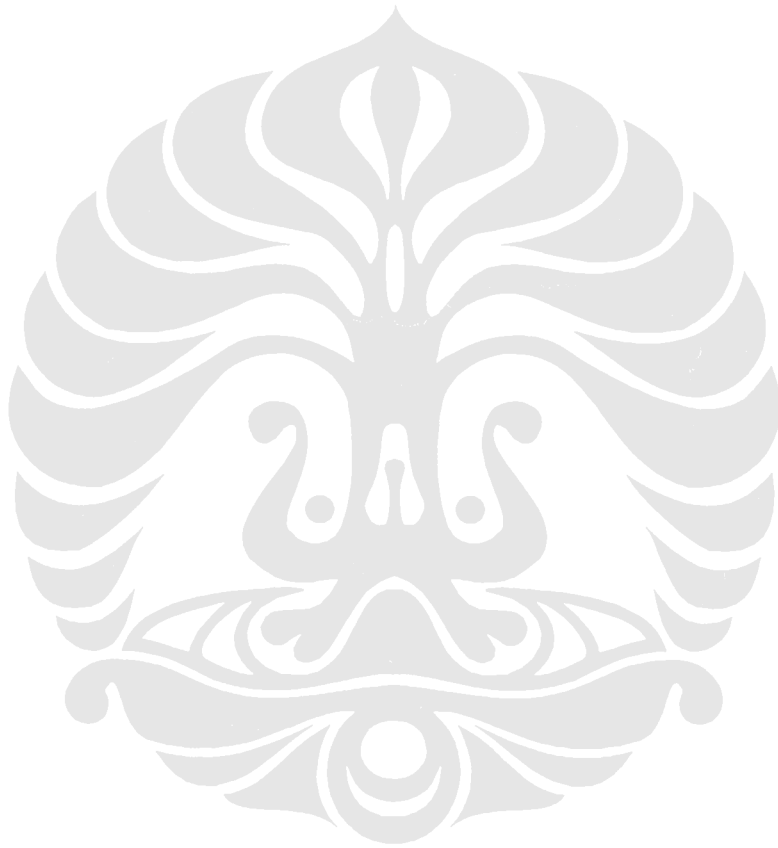


Lampiran



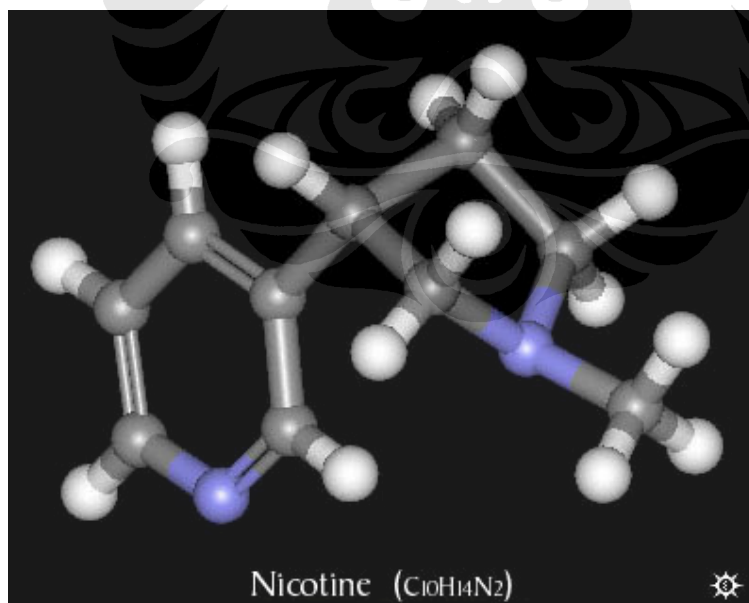
Lampiran 2

Tobacco Chemistry

by Erowid

NAME :	Nicotine
CHEMICAL NAME :	(S)-3-(1-Methyl-2-pyrrolidinyl)pyridine
ALTERNATE CHEMICAL NAMES :	1-methyl-2-(3-pyridyl)pyrrolidine; β -pyridyl-alpha-N-methylpyrrolidine
ALTERNATE CHEMICAL NAMES :	Habitrol; Nicabate; Nicoderm; Nicolan; Nicopatch; Nicotell TTS; Nicotinell; Tabazur.
CHEMICAL FORMULA	$C_{10}H_{14}N_2$
MOLECULAR WEIGHT	162.23
BOILING POINT⁷⁴⁵	247° C
BOILING POINT¹⁷	123-125° C
LD50	(mice) .3 mg/kg iv; 9.5 mg/kg i.p.; 230 mg/kg oral

From the Merck Index 12th Edition



Nicotine Material Safety Data Sheets (various)

Lampiran 3

Pengambilan data posisi heater di bawah pada ΔT 10

Heater Di bawah					
Sample	ΔT	Volume	Kecepatan (m/s)	Kenaikan (cm)	Waktu (dtk)
1	10	Full	0,1	29	10,12
2	10	Full	0,1	29	10,08
3	10	Full	0,1	30	11,19
4	10	Full	0,1	30	11,42
5	10	Full	0,1	29	11,31
6	10	Full	0,1	30	11,75
7	10	Full	0,1	29	10,95
8	10	Full	0,1	31	12,01
9	10	Full	0,1	30	11,31
10	10	Full	0,1	30	11,27
1	10	Full	0,05	26	14,95
2	10	Full	0,05	26	13,27
3	10	Full	0,05	27	14,81
4	10	Full	0,05	27	15,09
5	10	Full	0,05	26	14,74
6	10	Full	0,05	26	15,21
7	10	Full	0,05	27	15,37
8	10	Full	0,05	26	14,98
9	10	Full	0,05	27	15,23
10	10	Full	0,05	27	15,13
1	10	Full	0,01	24	15,73
2	10	Full	0,01	24	15,89
3	10	Full	0,01	25	16,95
4	10	Full	0,01	24	15,91
5	10	Full	0,01	25	16,73
6	10	Full	0,01	25	16,54
7	10	Full	0,01	24	16,15
8	10	Full	0,01	24	16,08
9	10	Full	0,01	25	16,84
10	10	Full	0,01	24	15,21

Lampiran 4

Pengambilan data posisi heater di bawah pada ΔT 20

Heater Di bawah					
Sample	ΔT	Volume	Kecepatan (m/s)	Kenaikan (cm)	Waktu (dtk)
1	20	Full	0,1	22	8,73
2	20	Full	0,1	22	8,54
3	20	Full	0,1	21	8,25
4	20	Full	0,1	22	9,07
5	20	Full	0,1	23	9,45
6	20	Full	0,1	21	8,65
7	20	Full	0,1	22	8,73
8	20	Full	0,1	21	8,13
9	20	Full	0,1	23	9,23
10	20	Full	0,1	22	8,77
1	20	Full	0,05	19	12,44
2	20	Full	0,05	19	12,13
3	20	Full	0,05	19	12,31
4	20	Full	0,05	20	13,21
5	20	Full	0,05	20	13,56
6	20	Full	0,05	19	12,98
7	20	Full	0,05	18	12,03
8	20	Full	0,05	20	13,41
9	20	Full	0,05	19	12,55
10	20	Full	0,05	20	12,75
1	20	Full	0,01	13	12,73
2	20	Full	0,01	13	13,95
3	20	Full	0,01	14	14,08
4	20	Full	0,01	14	14,57
5	20	Full	0,01	14	13,99
6	20	Full	0,01	13	13,52
7	20	Full	0,01	14	14,75
8	20	Full	0,01	13	13,86
9	20	Full	0,01	14	14,63
10	20	Full	0,01	14	14,91

Lampiran 5

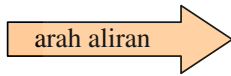
Pengambilan data posisi heater di atas pada ΔT 10

Heater Di atas					
Sample	ΔT	Volume	Kecepatan (m/s)	Penurunan (cm)	Waktu (dtk)
1	10	Full	0,1	29	9,63
2	10	Full	0,1	28	11,56
3	10	Full	0,1	28	11,65
4	10	Full	0,1	28	9,58
5	10	Full	0,1	30	10,12
6	10	Full	0,1	30	11,74
7	10	Full	0,1	30	12,01
8	10	Full	0,1	31	12,69
9	10	Full	0,1	30	10,89
10	10	Full	0,1	30	11,47
1	10	Full	0,05	27	15,43
2	10	Full	0,05	26	13,90
3	10	Full	0,05	27	15,21
4	10	Full	0,05	26	14,58
5	10	Full	0,05	26	15,12
6	10	Full	0,05	26	13,27
7	10	Full	0,05	26	14,31
8	10	Full	0,05	26	14,80
9	10	Full	0,05	26	14,53
10	10	Full	0,05	26	14,51
1	10	Full	0,01	23	15,43
2	10	Full	0,01	23	16,06
3	10	Full	0,01	24	13,77
4	10	Full	0,01	24	16,50
5	10	Full	0,01	24	17,00
6	10	Full	0,01	24	16,22
7	10	Full	0,01	23	16,47
8	10	Full	0,01	23	16,07
9	10	Full	0,01	24	16,46
10	10	Full	0,01	24	16,47

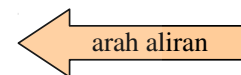
Lampiran 6

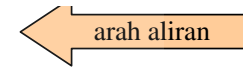
Pengambilan data posisi heater di atas pada ΔT 20

Heater Di atas					
Sample	ΔT	Volume	Kecepatan (m/s)	Penurunan (cm)	Waktu (dtk)
1	20	Full	0,1	21	8,41
2	20	Full	0,1	21	8,65
3	20	Full	0,1	20	8,42
4	20	Full	0,1	21	8,15
5	20	Full	0,1	20	7,87
6	20	Full	0,1	20	8,41
7	20	Full	0,1	20	8,55
8	20	Full	0,1	21	8,68
9	20	Full	0,1	21	9,09
10	20	Full	0,1	21	8,90
1	20	Full	0,05	18	11,07
2	20	Full	0,05	18	11,44
3	20	Full	0,05	19	12,42
4	20	Full	0,05	18	11,16
5	20	Full	0,05	17	10,06
6	20	Full	0,05	17	10,48
7	20	Full	0,05	17	11,05
8	20	Full	0,05	17	10,35
9	20	Full	0,05	18	10,78
10	20	Full	0,05	18	11,19
1	20	Full	0,01	13	11,98
2	20	Full	0,01	12	12,90
3	20	Full	0,01	13	13,68
4	20	Full	0,01	12	12,19
5	20	Full	0,01	12	12,20
6	20	Full	0,01	13	13,14
7	20	Full	0,01	12	12,81
8	20	Full	0,01	12	12,19
9	20	Full	0,01	12	12,31
10	20	Full	0,01	12	12,45



Heater Di bawah		
V (m/s)	DT	Hasil Gambar
0.1	10	
0.05	10	
0.01	10	
0.1	20	
0.05	20	
0.01	20	

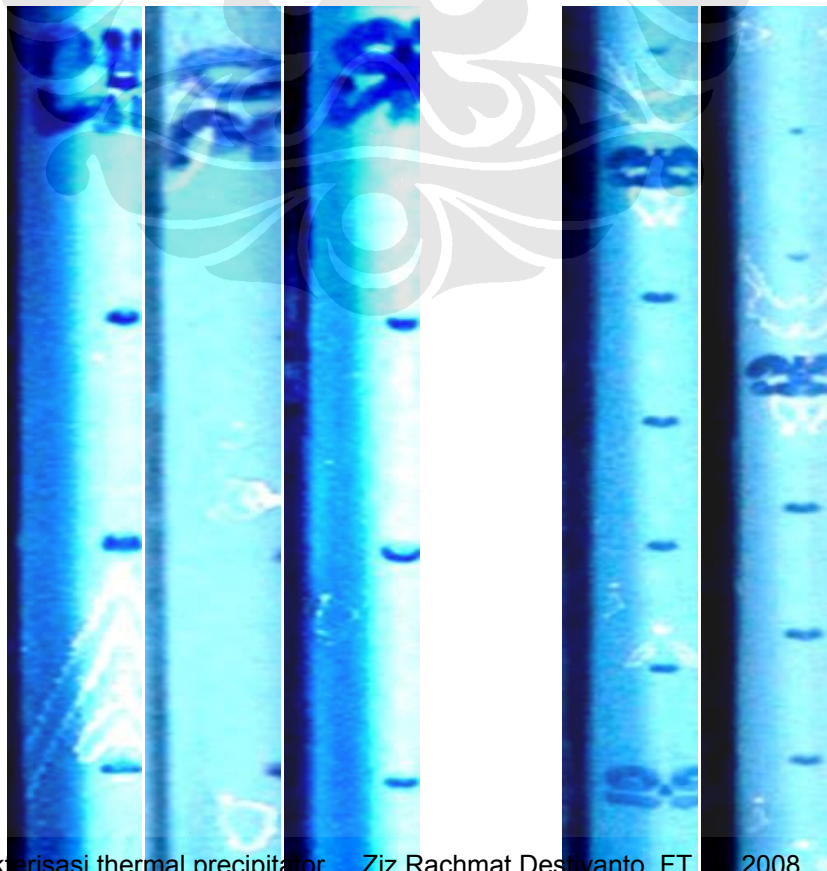




Heater Di atas		
V (m/s)	DT	Hasil Gambar
0.1	10	
0.05	10	
0.01	10	
0.1	20	
0.05	20	
0.01	20	

Lampiran 8

Hasil foto data posisi heater di bawah



Lampiran 7

Hasil foto data posisi heater di atas

