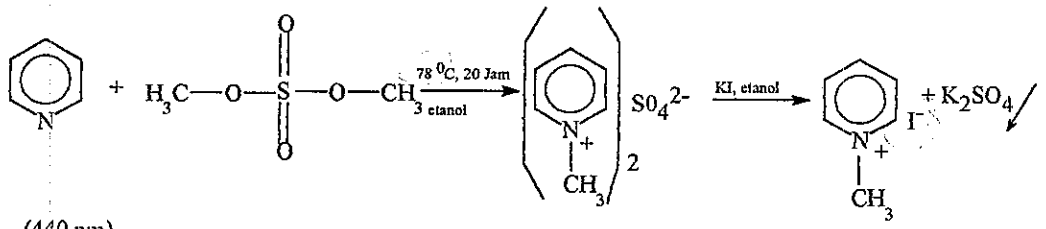
Lampiran 1

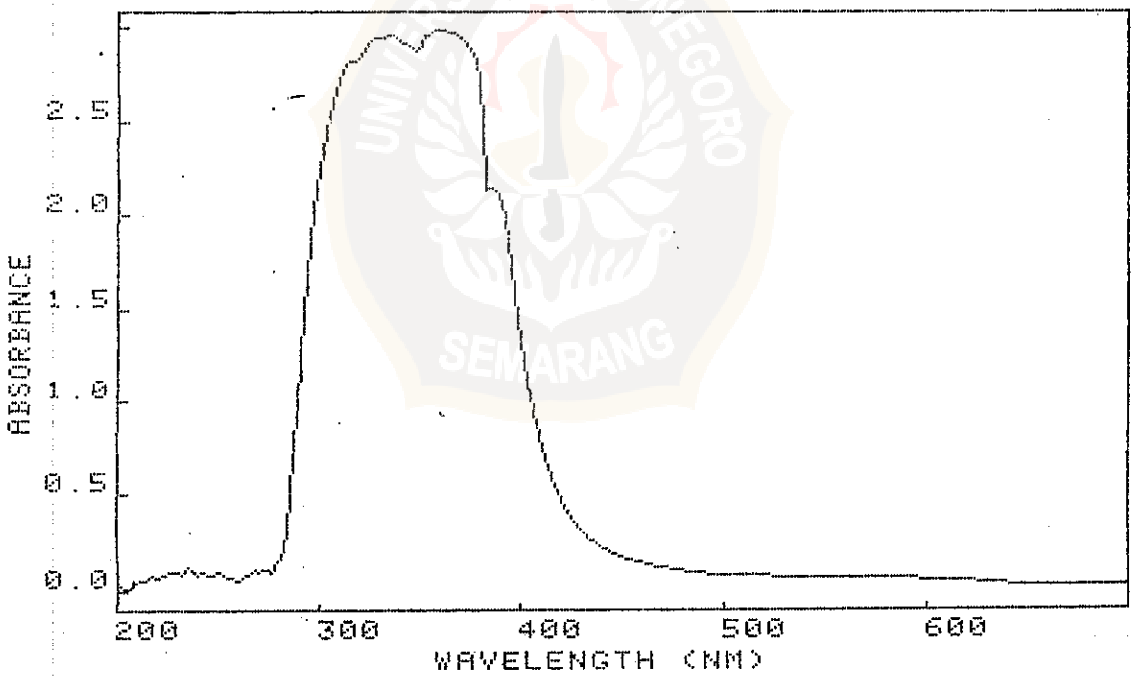
Hasil Sintesis N-metilpiridinium Iodida Mengunakan DMS dengan pelarut etanol.



(440 nm)

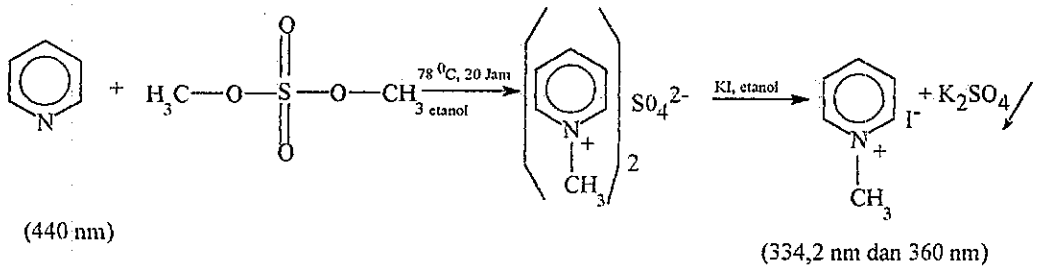
(334,2 nm dan 360 nm)

W.l.= 334.2
METPIRID Abs.= 2.963
W.l.= 360.0
METPIRID Abs.= 2.988



Lampiran 1

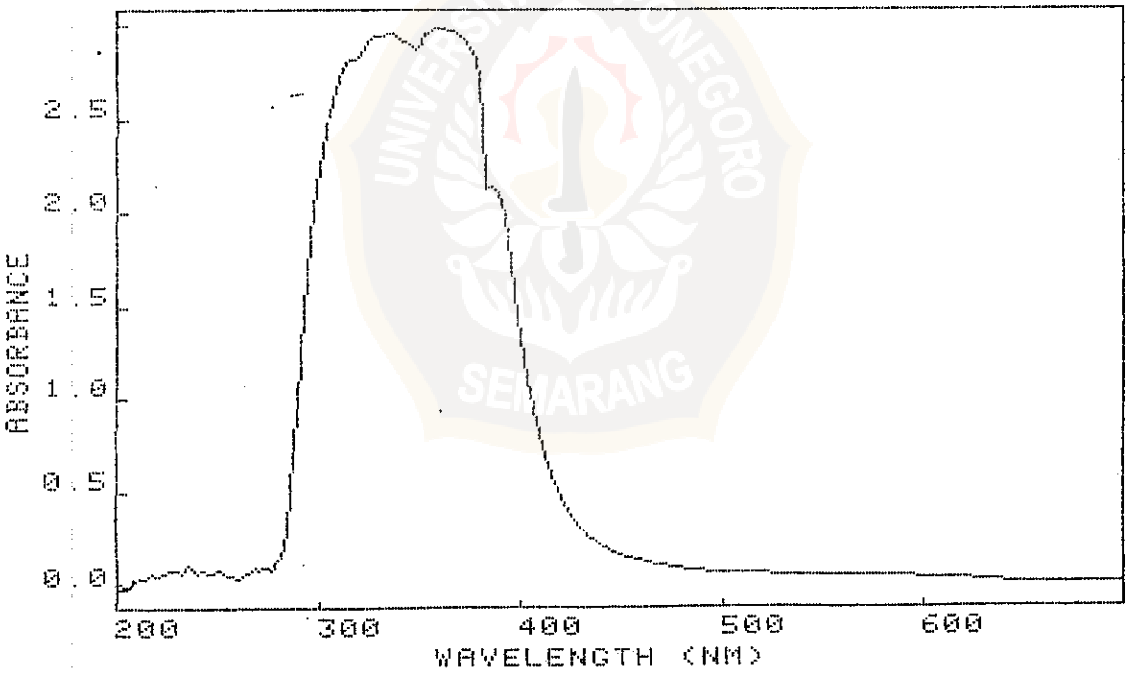
Hasil Sintesis N-metilpiridinium Iodida Mengunakan DMS dengan pelarut etanol.



(440 nm)

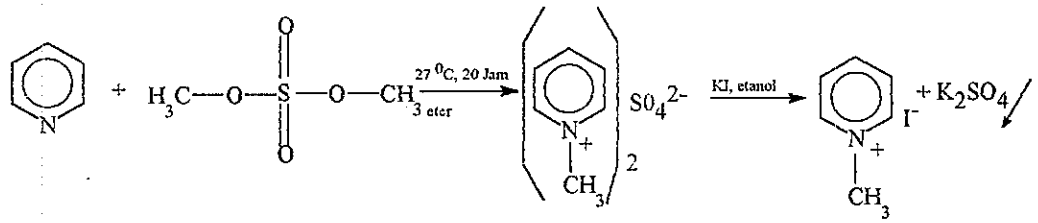
(334,2 nm dan 360 nm)

W.l.= 334.2
METPIRID Abs.= 2.963
W.l.= 360.0
METPIRID Abs.= 2.988



Lampiran 2

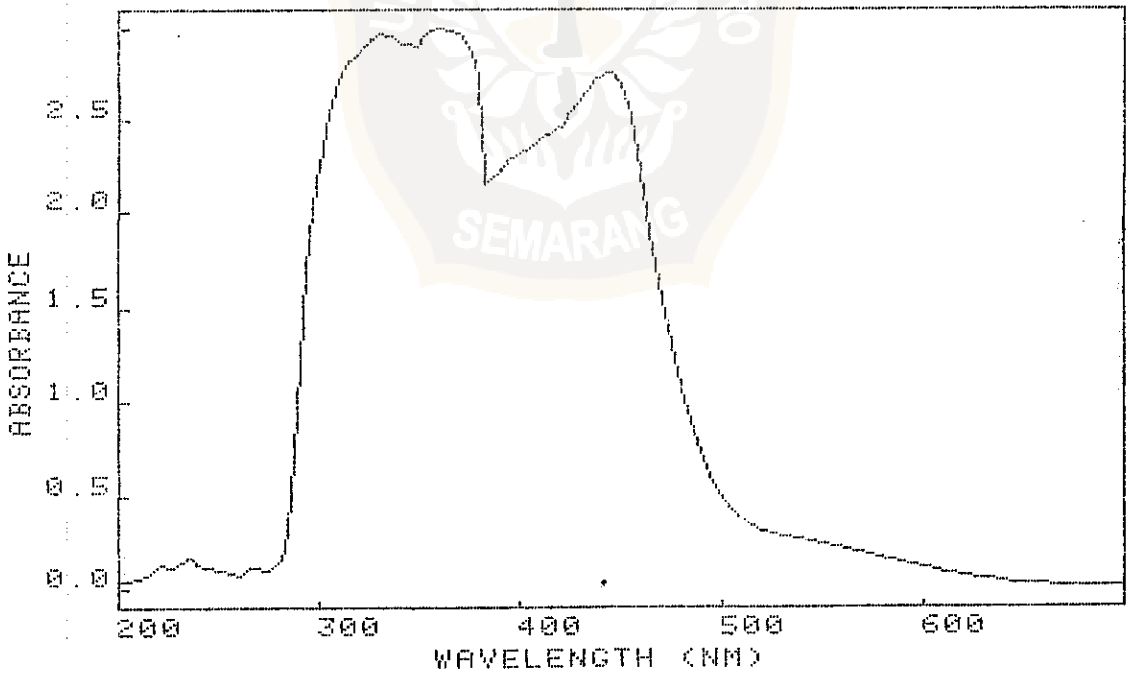
Hasil Sintesis N-metilpiridinium Iodida dengan DMS dalam pelarut eter.



(440 nm)

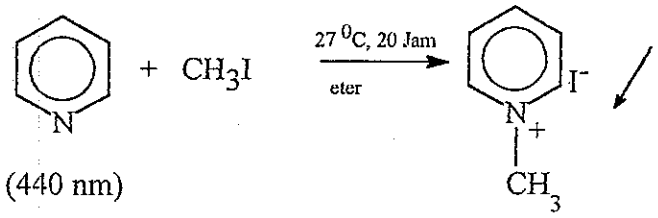
(330,2 nm dan 360 nm)

```
W.l.= 330.2
HMETPIR     Abs.= 2.964
W.l.= 360.0
HMETPIR     Abs.= 2.994
W.l.= 443.5
HMETPIR     Abs.= 2.759
```



Lampiran 3

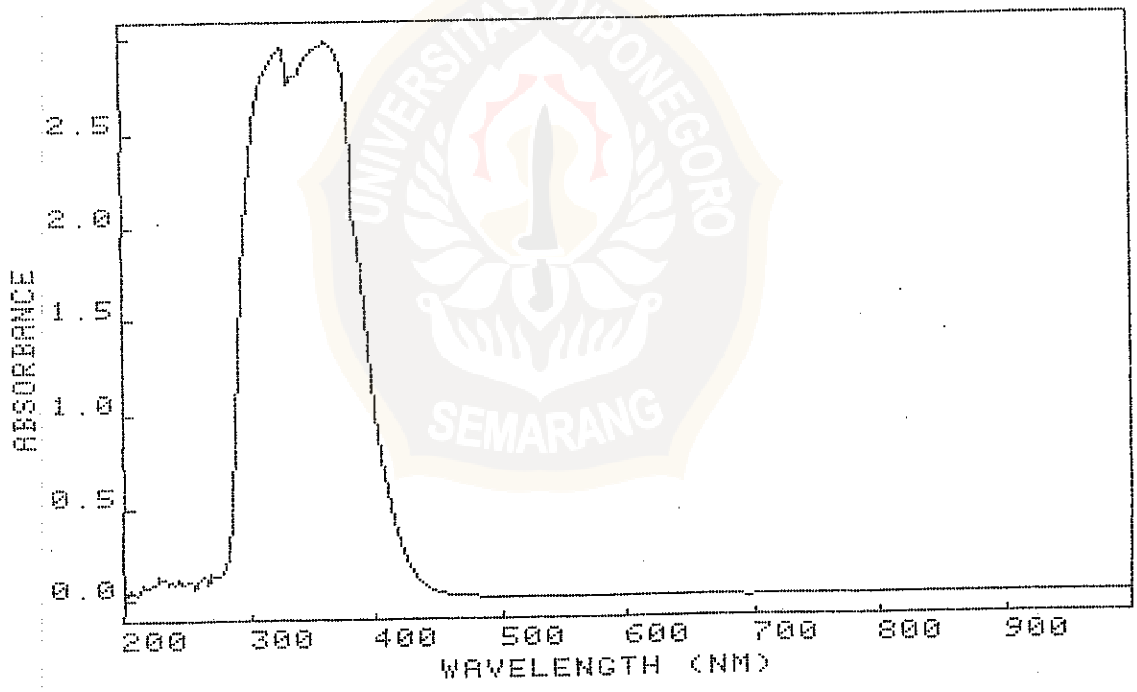
Spektra N-metilpiridnium iodida hasil sintesis dengan metil iodida.



(440 nm)

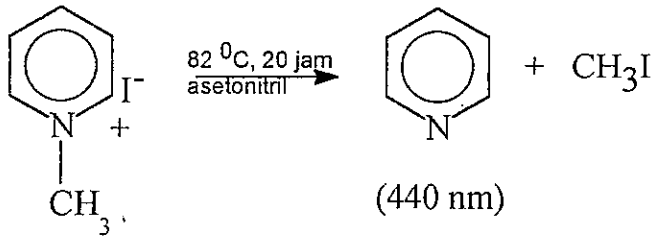
(327,2 nm dan 362 nm)

W.l.= 327.2
GARAM Abs.= 2.973
W.l.= 362.2
GARAM Abs.= 2.991



Lampiran 4

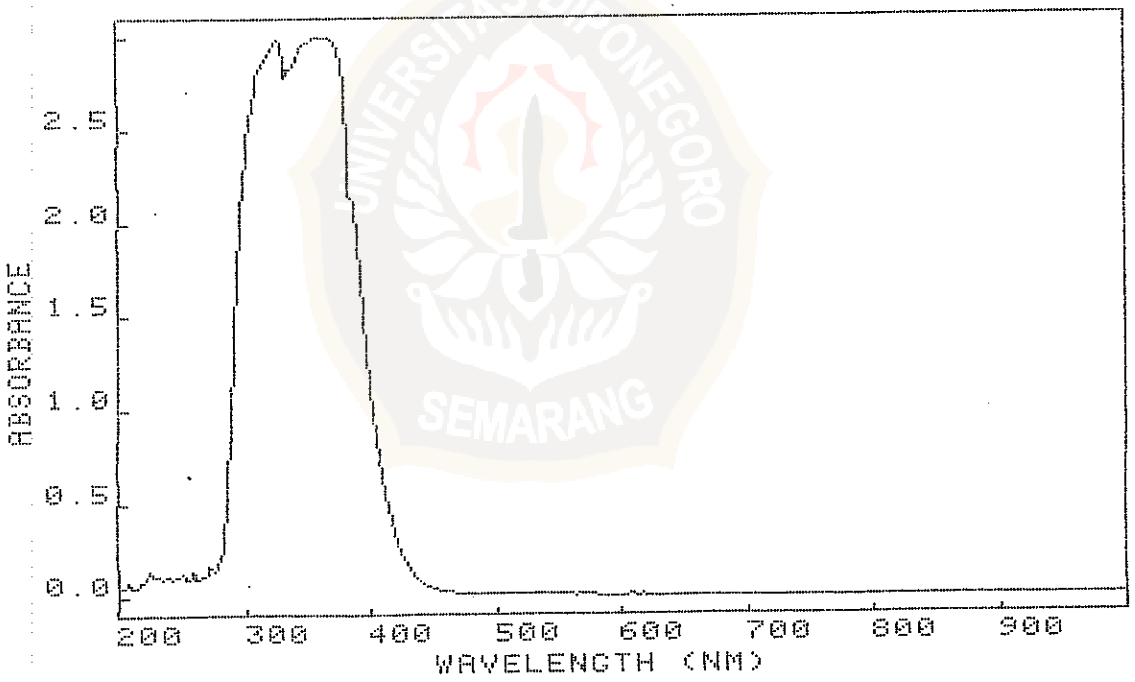
Spektra hasil Reaksi demetilasi



(327,2 nm dan 362 nm)

(440 nm)

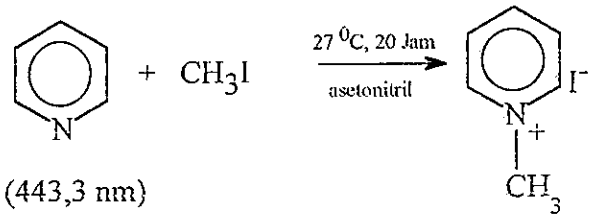
W.l.= 327.2
garam2 Abs.= 2.995
W.l.= 362.2
garam2 Abs.= 3.000



Lampiran 5

Spektra hasil Reaksi demetilasi dengan Trapping.

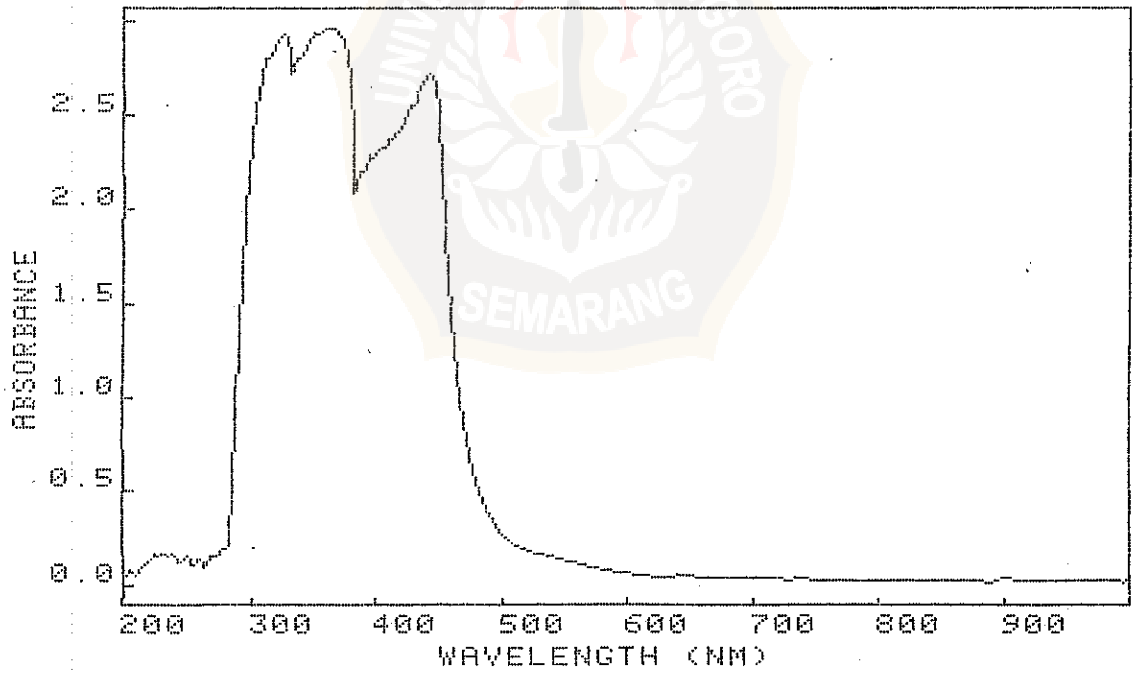
a. Reaksi Pada Pemerangkap



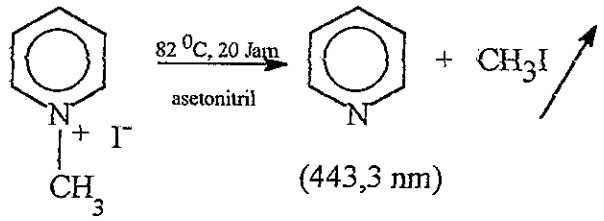
(443,3 nm)

(327,2 nm dan 365,4 nm

```
W.l.= 327.2
TREPING     Abs.= 2.946
W.l.= 365.4
TREPING     Abs.= 2.974
W.l.= 443.3
TREPING     Abs.= 2.713
```

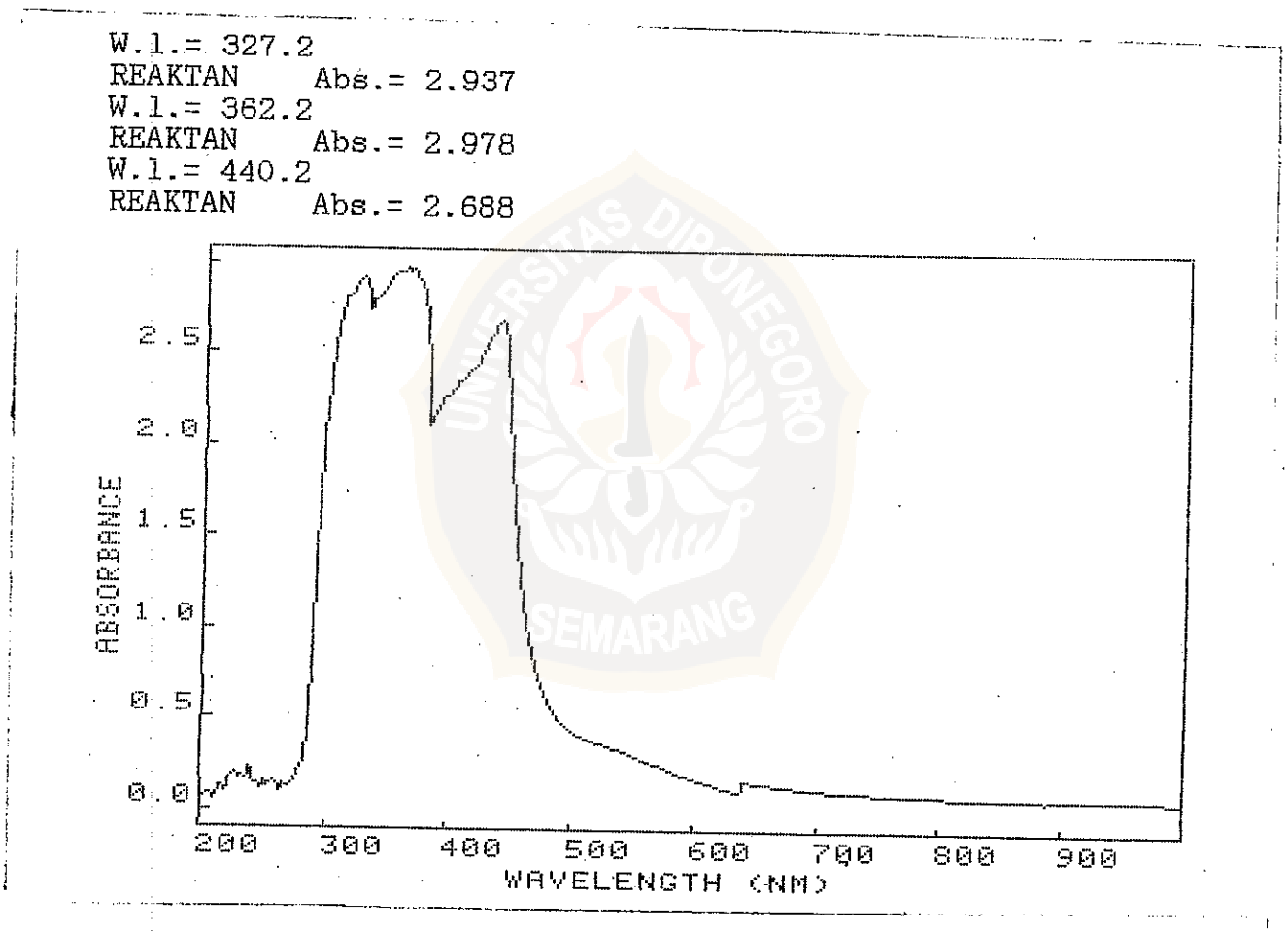


b. Reaksi Pada Labu Reaktor.



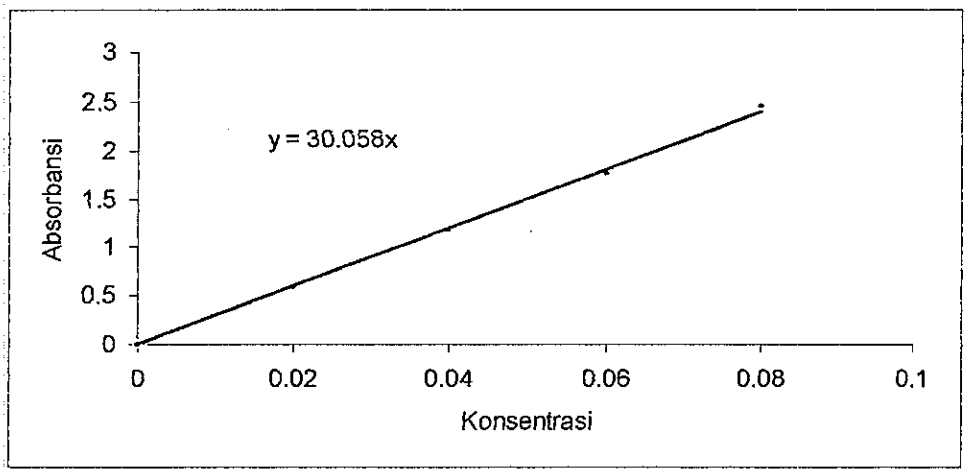
(443,3 nm)

(327,2 nm dan 365,4 nm)



Lampiran 6

Kurva Standar Garam N-metilpiridinium Iodida



Perhitungan Transformasi Reaksi Demetilasi.

$$A = \varepsilon . b . c$$

$$c = \frac{A}{\varepsilon .}$$

$$mol = c.v$$

$$mol = \frac{A}{\varepsilon . b} v$$

$$mol = \frac{A.v.10}{30{,}058.b}$$

$$\%Transformasi = \frac{mol_{produk}}{mol_{reaktan}} x100$$

$$\%Transformasi = \frac{\frac{A.v.10}{30{,}058}}{0.02} x100$$

Data Analisa Reaksi Demetilasi

Waktu (jam)	Absorbansi	Konsentrasi (M)	Mol Produk	% Transformasi
0	0	0	0	0
1	0.324	0.108	0.0054	26.96
2	0.614	0.204	0.0102	51.07
3	0.838	0.278	0.0139	69.7
6	0.996	0.332	0.0166	82.84
9	1.119	0.372	0.0186	93.07
12	1.168	0.388	0.0194	97.145
15	1.168	0.388	0.0194	97.145
18	1.168	0.388	0.0194	97.145

Lampiran 7

Skema Reaktor dengan Trapping