

AFINIKI JOHN MHYA
Computer Engineering
19/ENG102/028
Chem 102

Assignment

i- For myl group (Aldehyde) group (CHO)

- Hydroxyl group (OH)
- Alkene group (phenyl group)

ii- keto group (Carboxyl group) ($\text{C}=\text{O}$)

- Amino group (NH_2)
- Aromatic group (phenyl group)

iii- Aldehyde group

- Hydroxyl group
- double bond (Alkene group)

2 $(\alpha)_D = \frac{\alpha}{C.L}$ [Tartaric acid = $\text{C}_4\text{H}_6\text{O}_6$]

$$\alpha = +1.0$$

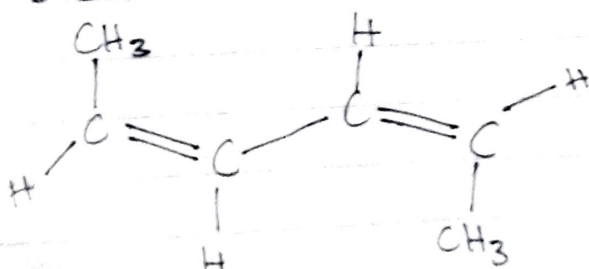
$$\text{Concentration in g/cm}^3 = \frac{0.856}{10}$$

$$= 0.0856$$

$$\therefore \alpha = \frac{+1.0}{0.0856}$$

$$= 11.68$$

3 Hexa-2,4,-diene



Cis-Cis-hexa-2,4-diene

2, 3-dimethyl but - 2 - ene

