

Chemistry Assignment.

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Matric Number: 19/MHS03/013

Department: Anatomy

Course code: CHEM 102

1.

- Alcohol, alkanal or aldehyde and alkene
- Alkanotes, amines
- Alkanal, alcohol and alkene because of rge double bond present In it.

2.

$$[\alpha]_D^T = \frac{A}{L \times C}$$

Mass = 0.856g
Volume = 10ml
Length of polarimeter = 1.0dm
O = R at 20°C = +1.0°
Concentration = $\frac{0.856 \text{ g}}{10 \text{ ml}} = 0.0856 \text{ g/ml}$

So

$$S.R. = \frac{O.R.}{L \times C}$$
$$= \frac{1.0}{1 \times 0.0856}$$
$$= +11.68^\circ$$

3.

1.

