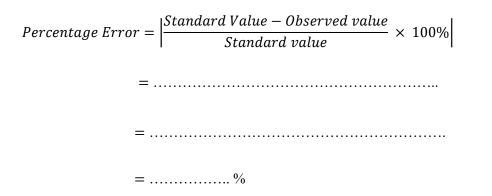
PERCENTAGE ERROR

Standard value of coefficient of viscosity of the given liquid = $\dots Nsm^{-2}$

Observed value of coefficient of viscosity of the given liquid = $\dots Nsm^{-2}$.



RESULT:

The coefficient of viscosity of the given liquid (......) has been found to be with

.....% error.

CONCLUSIONS:

Thus, the coefficient of viscosity of given liquid has been found experimentally in laboratory using stokes' method.

SOURCES OF ERROR

- 1. The ball used may not be perfectly spherical.
- 2. The time may not be measured correctly.
- 3. Temperature may vary.
- 4. The point from where taking the terminal velocity may not be found out.

PRECAUTIONS

- 1. The steel balls should be perfectly spherical and small.
- 2. The jar should be perfectly vertical.
- 3. The liquid should be highly viscous.
- 4. The balls should be dropped gently and carefully.
- 5. The ball should not touch the wall of the jar during its motion.
- 6. The liquid should be of uniform density.

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