

Verification of Beer-Lambert's Law

Priyanuj Kashyap

24th June 2025

1 Aim

To verify Beer-Lambert's Law using Digital Spectrophotometer

2 Theory

3 Requirements

- | | |
|------------------------------|--------------------|
| 1. Digital Spectrophotometer | 4. Distilled Water |
| 2. Cuvette | 5. Dropper |
| 3. Test Tubes | 6. Cloth |

4 Procedure

4.1 Calibration

To perform the experiment we need to first calibrate the *Digital Spectrophotometer*

Step 1:

5 Result

Beer-Lambert's Law is verified.