

# UV-Visible spectrophotometer

## I. Specification

- **Manufacturer:** PerkinElmer
- **Model:** Lamda 35
- **Light Source:** Scanning double-beam
- **Wavelength:** 190-1100 nm
- **Detector:** Photodiodes detector
- **Quvettes:** 30 ul, 700 ul, 3.5 ml and 17.5 ml
- **Type of sample:** Must be clear solution
- **Sample volume:** 30 ul – 17.5 ml

## I. Appication

- Determination of Total polyphenol in tea
- Determination of Iron in a Vitamin Tablet Sample
- Determination of Phosphorus in food
- Determination of Nitrate, Nitrite in food
- Determination of Antioxidant in tea
- Determination of DNA,RNA in Plant

## III. Location

- S2 215/2

## IV. Staff

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|------------------------|----------------|---------------|
| ➤ Jintana Kanitwittaya | Tel. No. 6254  | Room S3 416   |
| ➤ Thanyarat Thaweenut  | Tel. No. 6207. | Room S2 215/2 |
| ➤ Utiga Soiraya        | Tel. No. 6270. | Room S4 120   |