

### Zeiss Axiolab Microscope

#### Principle:

The Zeiss Axiolab Microscope is a light microscope used for day to day purposes in a lab with resolution down to 1micron. A camera is incorporated into the microscope in order to record and visualise samples that are being tested.

The Zeiss microscope possesses a powerful LED light that enhances the quality of the test image while also allowing visualisation of the true colour of the sample.

#### Principle:

- Place your sample on a slide and on the microscope stage
- Use coarse focus to get your sample in sight
- Use fine focus to focus on your image
- The computer software records the sample.

#### Current Model:



Figure: Zeiss Axiolab Microscope

Video link: <https://www.youtube.com/watch?v=LWJCO4EAqhg>

#### Typical Samples:

In general metals, biologics and unknown particles can be analysed using the Zeiss Axiolab.



# Instrument Description

## Sub Folder: Microscopy



### Standards:

Samples are analysed as per customer requirements.

**Contact:** Dr Brendan Duffy, [brendan.duffy@tudublin.ie](mailto:brendan.duffy@tudublin.ie), +353-1-220-6907