

**Equipment Name: Olympus/BX51  
Fluorescence Microscope**

**Category:**  
C. Particle Characterisation in and ex-situ and/or

**Institute:** University of Leeds

**Location:** ParticlesCIC, Engineering Building, Leeds. LS2  
9JT. UK

**Contact Details of Technology Expert:**

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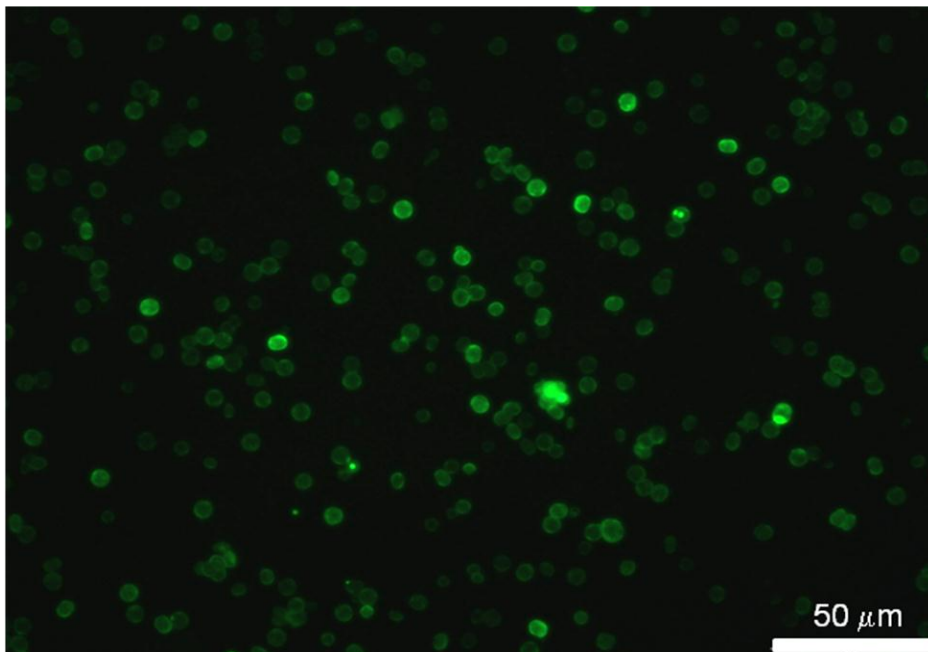
**Short technology description/Overview** (*approx 300 words*):

Optical microscope for quick evaluation of agglomerated state of particulates. The microscope also allows the samples to be assessed under fluorescent light.

**Main Features (Equipment Capabilities):**

- 10x, 20x 50x and 100x magnification
- CellB software for assessment of images produces.

**Typical Samples & Images:**



Above is an optical fluorescence microscopy image of the CaCO<sub>3</sub> particles coated with a fluorescently-tagged protein after excess protein has been removed from the continuous phase.

*Any further Information:*