

VISUAL QUALITY CHECK

Examples

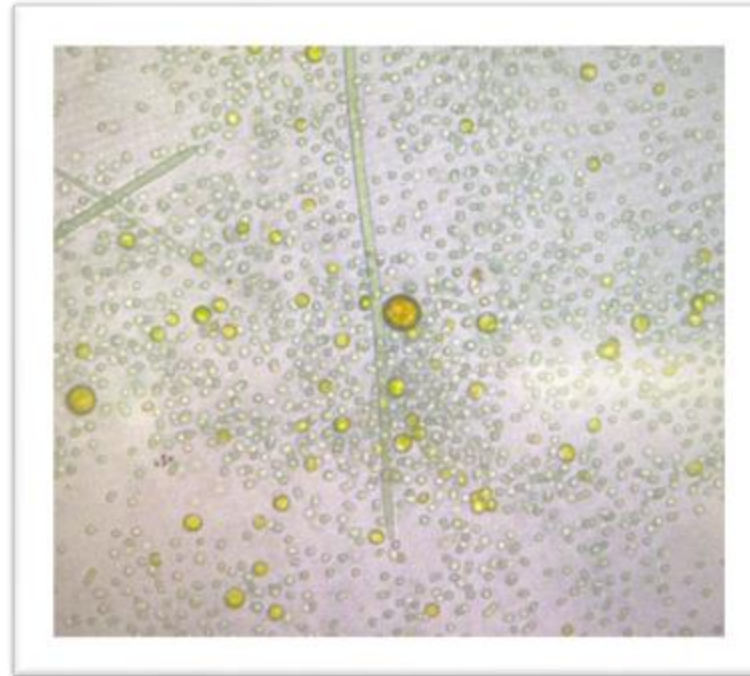
- Outdoor cultivation in PhotoBioreactor
- Observation under magnification 400x

Why is a Visual quality Check important?

Scaling up algal cultures to meet the extensive volumes required for commercial production presents challenges, with contamination frequently resulting in compromised health or death of the culture

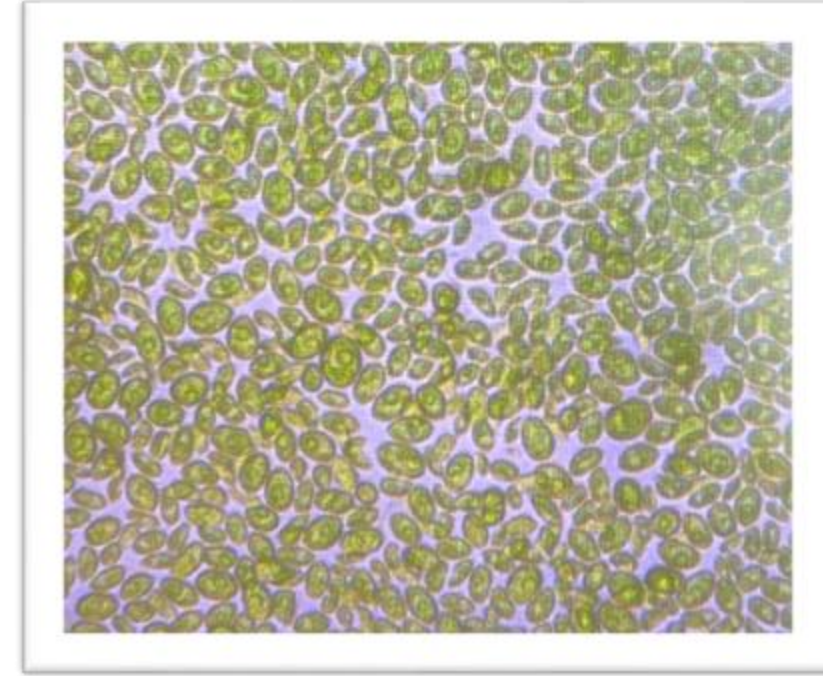
How do we check?

Daily checking using microscope. If contaminants are found, steps will be taken to alter and optimise the conditions of the culture.



Observation:

60% blue green like cells, 5% ciliate, 15% spirulina blue green, 20% Chlamydomonas



Observation:

100% *Nannochloropsis* sp. with no contaminant.