Course: Laboratory theme 8 — credits: 5

Course code	CTVH3TH8
Name	Laboratory theme 8
Study year	2023-2024
ECTS credits	5
Language	Dutch, with parts in English
Coordinator	A. Perl
Modes of delivery	Practical / Training
Assessments	- Other assessment

Learning outcomes

After completion of this practical, the successful student will be able to:

- Execute various physical chemistry analyses independently;
- Make qualitative and/or quantitative determinations with the following techniques: interfacial tensiometry, conductivity measurements, spectrophotometry, and viscometry;
- Make chemical calculations independently and with the help of software;
- Explain the functioning of: micelles, the emulsion polymerization of styrene (gravimetric method), the coagulation and flocculation process in drinking water sanitation, and of a self-made membrane filter;
- Perform independent literature research;
- Successfully work in a group;
- Write a professional research report.

Content

Level: Intermediate (2)
Content:

Included in programme(s)

Chemical Engineering

School(s)

Institute for Life Science & Technology

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