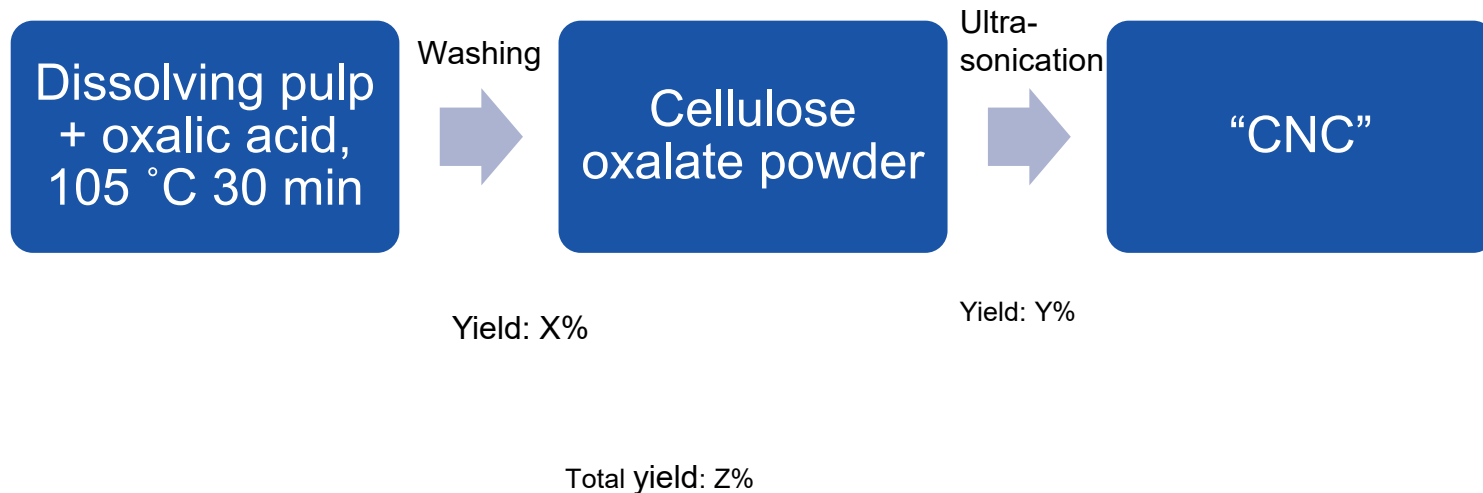


**Drying and redispersion of  
organic acid-CNC (results will  
come, presentation not finished)**

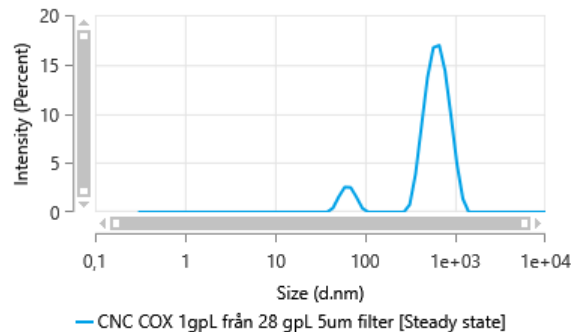
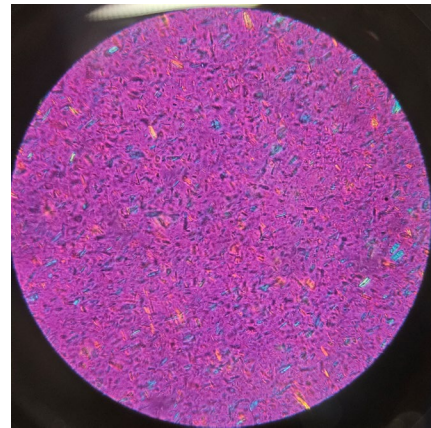


# Process of making “CNC”



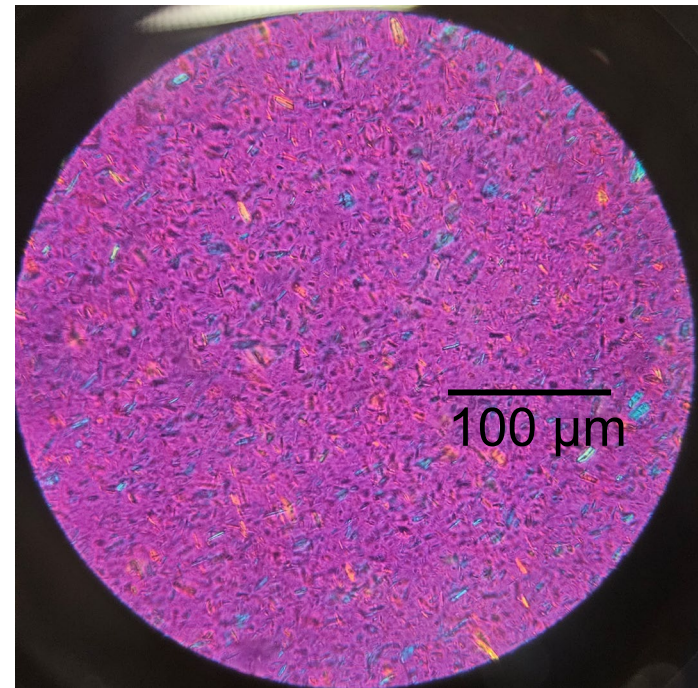
# Characterization

- Stable colloidal suspension after Ultrasonication
- Milky and not iridescent
- Size: Two fractions, micro and nano
- Large compared to sulphuric acid-CNC
- Charge



# Two fractions

SEM Images will come





# Drying and redispersing the CNC: ambient drying

Evaporation under ambient conditions

- Na-form, FTIR, water content
- Trials with urea and glycerol, different pH and ionic strength



# Drying and redispersing the CNC: oven drying

Evaporation under elevated temperatures

- Na-form, FTIR, water content
- Trials with urea and glycerol, different pH and ionic strength