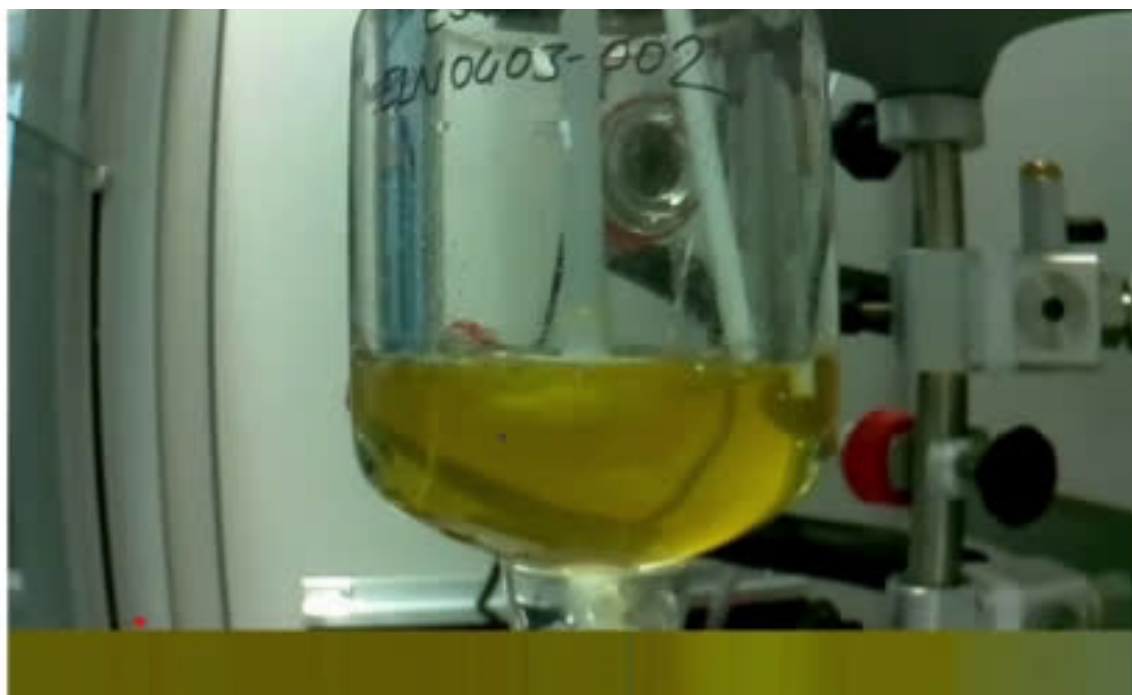# Liquid intelligence

Automate liquid tracking to save time & receive actionable insights to streamline your experiments.

Multivariate analysis to track reaction progress

Lumi uses deep learning to identify liquid pixels, automatically detect changes and events that happen throughout the reaction and provide analysis across various dimensions.

It allows for a big picture reaction view, providing a complete understanding of any interactions that occur.

Predictivity to support productivity: multivariate analysis provides a possibility to predict reaction outcomes before it's even started.

lumi.systems

Colour monitoring: analyzes region colours, providing average RGB values and names. Includes a daily colour bar for seamless event identification.

Volume monitoring: Detects volume and tracks its changes throughout the whole experiment progress.

Homogeneity monitoring: Tracks liquid changes step-by-step to follow events, find similarities and/or abnormalities turning into patterns.