

Application report light

Concentration of Coffee in Condensate

SIGRIST product

- ColorPlus 2 in-line

Industry

- Food industry

Typical application

- The concentration of coffee in condensate is measured to monitor the process.
- The condensate has to be free of coffee since it will be reused.
- Measurement is carried out at 313 nm (absorption).
- Measuring range 0–0.5 E
- Optical path length 22 mm

Use

- Coffee production (instant coffee/soluble coffee)

Additional information

During the production of instant coffee, the soluble components of coffee are dissolved at high water temperatures and under high pressure.

During the subsequent spray-drying process, the water of the coffee extract is evaporated in nozzles with hot air. The finely powdered coffee is collected. The vapour is cooled with a cooling circuit and condensed.



ColorPlus 2 in-line on Varivent®



photometer.com/Off7