

 Agri-food



How to get the best skin... on a sausage!

A good sausage is chosen above all due to its appearance and skin color. This color, called «sausage whites», is the result of the alchemical mysteries of a water and penicillium mixture, followed by a drying phase. Initially translucent and undetectable with the naked eye, the white color appears a few hours after spraying with the mixture.

Our customer, an industrial company making cooked pork meat products, was facing a problem with the quality of the appearance of the «whites» on the sausage. Incorrect quantification of the water/penicillium mixture **was causing significant product losses**.

To avoid «substandard sausage batches» and obtain a satisfactory color which is quantifiable and reproducible, our customer needed an in-line analyzer capable of measuring, quantifying and checking on the presence or absence of penicillium in the water before the sausage spraying phase.

The SPOT4Line LED spectrometer from CA INDATECH is the solution

In-line LED spectral measurement offers essential advantages:

- Accurate measurement of the physical and chemical concentration of any liquid: turbidity, color, temperature,
- In-line measurement without contact, sampling or infiltration
- Continuous testing in real time
- LED technology requiring little or no maintenance
- Easy installation on the pipework

Operation of measurement?

Principle: the light beam from the LEDs penetrates the liquid to reveal its «optical digital fingerprint» and validate several parameters in real time.

Pour notre client ?

Dès sa mise en place, le **SPOT4Line** a permis d'étudier avec précision le spectre du pénicillium et, dans un second temps, de connaître avec exactitude le taux de concentration de pénicillium souhaité dans le mélange avec l'eau pour obtenir la solution parfaite.

Bénéfices client

Cette surveillance en continu a permis à notre industriel en charcuterie :

- de quantifier le dosage de pénicillium nécessaire,
- de réaliser un standard reproductible,
- d'éviter toute perte de produit.



Utilisé depuis 2014, aucune maintenance n'a été nécessaire sur le SPOT4Line. Combiné avec un automate, un dosage automatique est effectué.



Our teams at INDATECH will be delighted to answer your questions by telephone:
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