



#### AQMC, FRANCE

The laboratory AQMC work directly with the field of Public Health. Their analytic activity oriented both in the food sector, cosmetic and health facilities, impacts the safety and health of consumers. The laboratory is accredited COFRAC under N ° 1-1366 for food microbiology, microbiology applied to fine chemicals, cosmetics and the environment and water quality.

Work with : DiluFlow Elite®, easySpiral®



### 3 dilution rates to adapt to any type of matrix

#### Interview with Mrs Magalie PLA, Technical Manager at AQMC:

##### Why did you feel the need in a gravimetric dilutor?

« Due to the growth of our laboratory activity, we needed to create a new channel of work. For this purpose we needed to equip ourselves with a second gravimetric dilutor. »

##### How did DiluFlow Elite® change your work?

« We made several tests between Interscience and a competitor's dilutor, but the DiluFlow Elite® clearly stood differentiated out. The feature we like the most is the GeckoGrip, which firmly attaches the bags and it is easy to clean. The shape of the BagOpen® is also very comfortable, the bag is held much better and with less tension, which allows us to avoid wasting time cleaning when the bag falls off.

We work with three dilution rates. The Accurate speed is very convenient when we use powders or sprays, which prevents the product from back-flowing and contaminating the dispensing nozzle.

We use the fast mode if we have pre-weighed sets for analysis of *Salmonella*, and we use the standard mode for the rest of our analyses. We also like having two pumps in parallel, enabling us to use different media. »

##### Why did you choose Interscience ?

« We already have an Interscience easySpiral®. What prevailed in our choice of gravimetric dilutor is the After-Sales Service which was always available to give us quick answers to our questions and resolve, the difficulties we encountered.

Within 48 hours someone intervened on hand to help us. The Interscience microbiology service also performed tests to help us with our matrix problems, to pass our range of samples and develop a disinfection protocol.

The After-Sales Service really listens to our needs. We have not found this service from any other manufacturer.

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#### ANALYSIS PROTOCOL

**Type of samples:** any type of food matrix (powder, dry, sweet product, meat, cooked dish)

**Number of analysis per day:** 150

**Dilution mode:** automatic mode

**Dilution factor:** 1/10th

**Bacteria:** Aerobic Mesophilic Flora, *Staphylococcus*, *Enterobacteriaceae*, *Escherichia coli*, Sulfite reducing anaerobes, *Bacillus Cereus*, Yeast, Molds, *Listeria*, *Salmonelle*

**Medium:** Peptone Water, Fraser medium

**Number of Petri dishes plated per day:** 300 with easySpiral®

**Way of counting colonies:** manual mode