



Cap and closure testing services

Caps, closures and related closing devices such as **gaskets** are potential sources of contaminants. Like any other food contact material, caps and closures also need to be tested to check **safety, inertness** and **suitability**.

MIGRATION TEST



The release of a suitability report requires migration tests to be carried out on both the cap and the related container. Mérieux NutriSciences performs **migration tests on caps and closures** and supports its customers meeting any specific need or issue which may arise.

Is the container unknown?

If the container – and consequently, the purpose of use of the cap or closure – is not known, overall and specific migration analysis may be challenging. **Reg. EU 10/2011 on plastic materials** sets different units of measurement to be used to in test results (art. 17), depending on whether the container is known or not.

PURPOSE OF USE	OVERALL MIGRATION	SPECIFIC MIGRATION
Known	mg/dm ²	mg/kg
Unknown	mg/article	mg/article

Even if the container is unknown, our **Food Contact Experts** guide customers in the **correct interpretation of analytical data**.

Is the article surface comparable with the container?

Caps and closures with a surface analogous to the container require a different approach. In this case, migration from the cap or closure is comparable with the one from the container, therefore tests are carried out only on the article contact surface and results are provided in mg/dm² or mg/kg, as per the table above.

FOR FURTHER INFORMATION PLEASE CONTACT OUR FOOD CONTACT EXPERTS
CALLING +39 0423 7177 OR WRITING TO PACKAGING@MXNS.COM



Mérieux NutriSciences

Via Fratta 25, 31023 Resana (TV), Italy

Ph. +39 0423 7177, E-mail: packaging.italy@mxns.com

www.merieuxnutrisciences.com/eu

