



NORNER offer increased services in migration and barrier testing for food packaging

Henning Baann (left) and Dag Roar Hegna at Norner in front of new migration cells and climate ovens for the new analysis

Migration analysis

We have the pleasure to inform that Norner now can offer migration testing of plastic materials, packages and articles intended to come into contact with food.

The testing is performed according to the harmonized EU regulations, directive and amendments.

Overall migration testing according to EN 1186:

- Aqueous food simulants by total immersion
- Aqueous food simulants by cell
- Aqueous food simulants by article filling
- Substitute tests into iso-octane and 95% aqueous ethanol

Specific migration testing according to EN 13130

- Determination of 1-octene and 1-hexene in food simulants
- Determination of selected additives in food simulants

Chemical analysis of additives in polymers and packages

- Qualitative identification of additives.
- Quantitative analysis of additives with SML

"We strengthen our offer to packaging producers and food industries through these two investments which will be utilised in our customer projects and as a testing service. We focus on the ability to supply effective and high quality projects and support in the field of packaging development and optimisation, quality improvement, quality assurance and troubleshooting", says Henning Baann, Business Area Manager for Norner Scientific Laboratories.

Please contact us via: www.norner.no

Barrier analysis

Furthermore we have extended our laboratory resources with an Oxygen Transmission Rate (OTR) tester. Our new OTR instrument is especially developed for analysis of ready packages of any kind. Also included are cells for analysing OTR of films and sheets.

This new equipment has high reliability and effective operation. The measurement is operated according to the principle of "Ambient Oxygen Ingress Rate" (AOIR) with the following benefits:

- Flexible analysis capability for any shape of packs, sheets and films
- Speed of analysis
- Good reliability and reproducibility
- Lower cost



Norner chromatography labs has leading expertise in analysis of plastic additives and chemicals

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