



Introduction of Labs platform for Monitoring PET NIAS Accompany Letter

Working group NIAS of Petcore; Harmonized NIAS measurements - Offering Labs, KÖR's online platform for the PET value chain to harmonize compulsory measurements.

As **Petcore Europe** is representing already more than 170 members of the PET value chain, it has decided to create an online platform that offers supply and demand for harmonized NIAS measurements. The basis of the measurements was already set by the published guidelines for NIAS measurements* back in 2020. Trails of these measurements have been performed by taskforce which was presented on the Petcore Europe conference in 2023. The NIAS Working Group is responsible for organizing the introduction of this platform.

By the introduction of the new regulation for direct food contact applications EN 2022/1616, extra NIAS data are requested for the development of the novel technology but also for the monitoring of the suitable technology. The target of the platform is to create a harmonized concept which enables all members of the value chain to order PET NIAS measurements. The reports will be in a standard digital format which will facilitate the monitoring function of the various results in time. A special database function will be integrated which can be used to manage the monitoring function. As different reports and monitoring will be required 3 different Databases will be created individually have secured and limited access. These sub-platforms are the following:

- **Functional Barrier Group** (to facilitate the novel technology reporting to DG Sante and it's monitoring)
- **Depolymerization Working Group** (to facilitate the BHET reporting to DG Sante and it's monitoring)
- **Geni Group** (to facilitate the NIAS reports and monitoring of bottles and trays throughout the PET value chain)

For the demand of NIAS measurements all Petcore Europe members of these groups will be offered to contribute to use the Labs online platform.

For the supply of NIAS measurements, many laboratories are targeted to contribute to this platform as the required capacity and the today presented ones will require this. As the harmonization requires a validated level playing field, it is required that the different laboratories need to comply to base the monitoring of the results on a repeatable quality level. A proficiency test is required for the laboratories to secure the contribution of the results to this platform. We do understand that PET NIAS measurements can consist of targeted and non-targeted substances. The proficiency test will need to address both options to assure consistency in the results.

The **Labs** online platform is provided by **KÖR** (www.kor-group.com), a company that has been selected to tailor-made their existing and proven, cloud-based supply and demand solution to all Petcore Europe Members. They need to be able to order NIAS measurements at various laboratories. As KÖR is working in a 17065 ISO and in a 27001 ISO environment, specific requests are needed to build the functionality of the platform. As Petcore Europe we seek the support and cooperation of facilitating information and opportunities to help building this harmonized concept of supply and demand for NIAS measurements.

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