

Making The Best Soft Drink Possible

The global market for soft drinks is a multi billion business. The Danish company CO-RO A/S is a large player with a high brand recognition factor in key markets of the world. Part of their success is based on an cloudifier that is used to give their product a long shelf life and a desirable visual appearance. Using ultra small-angle X-ray scattering (USAXS) and small-angle neutron scattering (SANS), the behavior of this ingredient has been characterized, giving insight into its mode of action.



A selection of the soft drink concentrates from CO-RO A/S using the investigated cloudifier particle

Through participation in the NXUS project, CO-RO A/S has obtained detailed information of the properties of the cloudifier. Understanding these properties is the start of a process of further product development to obtain better stability and compatibility with the various natural fruit ingredients. The technique used in this study enables a non-invasive structural investigation of the full product, which is not obtainable by other characterization methods.



Contact: NXUS: Lise Arleth, arleth@nbi.ku.dk
CO-RO A/S: Christian S. Vestergaard, csvestergaard@co-ro.com
www.NXUS.dk