Colloid Characterization

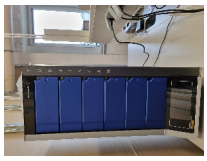
Principle

Determination of destabilisation phenomenon of colloidal systems (flocculations, aggregation, phase separation, etc)

Capabilities

- Zeta potential
- Stability studies of dispersed systems as a function of time and temperature
- existence fields

Assets

	Asset	Details
	**Malvern Zetasizer Pro**	Determination of surface charge of particles in dispersed systems by measuring Z-potential
	**Formulaction Turbiscan Tower**	Evaluation of the kinetic stability of dispersed systems, based on transmittance and multiple light scattering signals.
	**Polarized lens**	Visual evaluation of colloidal systems in terms of birefringent particles, liquid crystals, phase separation, etc.
	**Lumisizer**	Analysis of the samples in an accelerated way with the help of a centrifuge, to get information about the nature and velocity of all physicochemical stability phenomena, prediction of shelf life, particle size.
	**Tensiometer K100C by Kruss**	Determination of surface and interfacial tension of surfactants and surface active substances, automatic determination of CMC at different temperatures.

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