

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
	Formulation Turbiscan Tower	Evaluation of the kinetic stability of dispersed systems, based on transmittance and multiple light scattering signals.
	Polarizer 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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