

TGA ThermoGravimetric Analysis

Principle




Thermogravimetric analysis or thermal gravimetric analysis (TGA) is a method of thermal analysis in which the mass of a sample is measured over time as the temperature increases.

Samples can be either solids or liquids.

Capabilities

- Thermal stability
- Quantitative composition
- Vapour pressure

Assets

	Asset	Details
	Perkin Elmer TGA 7	Thermal ramp up to 800 °C
	Perkin Elmer TGA 8000	Thermal ramp up to 900 °C, 15-positions autosampler
	TA Instruments TGA 5500	Thermal ramp up to 1200 °C, 24-positions autosampler, Hi-Res thermal scan

[back to Rheology and Physical Lab Home](#)