

Analytical Chemistry Lab

Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)

Multi-elemental analysis of aqueous solution down to parts per million (ppm) levels to determine trace elemental concentrations.



Atomic Absorption Spectrometry (AAS)

Quick and simple spectroscopy technique for quantifying metal elements down to ppm levels.



X-ray Fluorescence Spectrometry (XRF)

Capable of analysing multiple elements in solid samples down to 0.01% levels.



X-ray Diffractometry (XRD)

Non-destructive tools to analyse all kinds of amorphous, powder and crystalline materials, providing qualitative/quantitative mineralogical data.



Milestone ultraWAVE Microwave Digester

Enables the complete digestion of extremely difficult samples at pressures up to 20 Mpa and temperature 300°C.

