



Elemental Identification

Elemental and chemical analysis are methods that use advanced techniques, tools and methods that directly characterize the chemical or elemental content of a material, surface, near-surface, bulk or exposed interior of a sample or product.

Chemical, molecular and element mapping methods provide maps (images) that reveal the relative distribution of different elements, phase, chemical states or chemical species of interest. Advanced software allows montage mapping that allow the analysis of a whole surface and not only one frame. The same software allows automation and analysis of specific features of interest.