



## ICP

ICP is an analytical atomic spectrometer. It can identify most of the elements (except of H, N, O) and halogens.

ICP quantifies concentrations in ppm units (mg\ liter) or ppb ( $\mu\text{g}\backslash\text{liter}$ ).

The analysis is performed in aqueous homogeneous media. 20% of polar organic solvent can be added. 10% acid or base can be added too.

### Sample delivery procedure

- 1) The volume of the solution must be minimum 5 mililiter for each element to analyze.
- 2) The following details must be provided on the following paper (TOFES):
  - a) The users' name and phone number
  - b) The elements to analyze and their expectable concentrations (if known)
  - c) Information about the media (water, acid, base, polar organic solvent)

Samples can be left for ICP analysis during the week to room number 213, chemistry building (211), second floor.

The ICP working days are : **Sun.**, **Mon.** and **Tues.**

Phone #: 03-531-7049

For more information call: 03-531-8323

Dr. Pessia Sharon