



### **APARAT**

**Atomski apsorpcioni spektrofotometar**  
**Atomic absorption spectrophotometer**

### **PROIZVOĐAČ I MODEL**

**Perkin-Elmer 2380**

## **AAS**

### **Kratki opis metode**

Uzorak prije analize mora biti preveden u plinovito (atomizirano) stanje, a što se postiže uz pomoć nekoliko tehnika: plamenom, grafitnom i plazma. Ovaj instrument koristi plamenu tehniku.

### **Short description of the method**

Before the analysis, sample has to be transformed to an atomized state, for what a few techniques are used: flame, graphite furnace and plasma. This instrument uses flame technique.

**Namjena**

Atomski apsorpcioni spektrofotometar je instrument za mjerenje koncentracije metala u uzorku.

**Purpose**

Atomic absorption spectrophotometer is an instrument for measuring concentration of different metals in the sample.

**Tehničke značajke**

Plamena tehnika; monokromator 190 – 870nm; fotometar – dvoznačni 0,2 nm (širina spektralne vrpce); deuterijski background korektor

**Technical characteristics**

Flame technique; monochromator 190 – 870nm; photometer 0.2nm (width of spectral string); deuterium background corrector

**Tip i priprava uzorka**

Anorganski/organski; prirodni/sintetski; u tekućem stanju.

**Sample type and preparation**

Inorganic/organic; naturally occurring/synthetic; liquid.