

INDUCTIVELY COUPLED PLASMA SPECTROMETRY

MANUFACTURER : Perkin Elmer

MODEL : ICP-OES Optima 3300DV

Specifications

- Typical detection limits: ppb ($\mu\text{g/L}$) range for most elements
- Plasma viewing: dual (axial and radial)
- UV-VIS spectral range: 167 nm to 782 nm
- GemTips cross-flow nebulizer/Scott-type spray chamber (this system can handle relatively high acid concentrations)
- Autosampler with 157 locations
- Capable of determining the concentrations of multiple elements simultaneously
- Possibility to analyze >60 elements from the periodic table

Applications

- Metal analysis in various matrix (water, plating bath, solder, flux, chemical product)