

flame-in-tube atomizer

in spectrochemical analysis

An atomizer in which hydrogen, used as carrier gas, is partially combusted in the inlet arm of a T-shaped tube furnace by introducing a limited amount of oxygen or air.

Source:

PAC, 1992, 64, 261 (*Nomenclature, symbols, units and their usage in spectrochemical analysis - XIII. Terms related to chemical vapour generation (IUPAC Recommendations 1992)*) on page 264